SAN FRANCISCO
PLANNING DEPARTMENT

Executive Summary
Conditional Use Authorization
HEARING DATE: SEPTEMBER 11, 2014

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San Francisco,
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Date:	September 4, 2014
Case No.:	**2014.0633C**
Project Address:	**1098 Jackson Street**
Current Zoning:	RM-3 (Residential, Mixed Medium-Density) 65-A Height and Bulk District
Block/Lot:	0181/022
Project Sponsor:	AT&T Mobility represented by Talin Aghazarian, Ericsson, Inc., 530 Bush Street, 5th Floor San Francisco, CA
Staff Contact:	Omar Masry – (415) 575-9116 Omar.Masry@sfgov.org

PROJECT DESCRIPTION

The proposal is to allow the development of an AT&T Mobility macro wireless telecommunication services ("WTS") facility. The macro WTS facility would consist of six (6) screened rooftop-mounted panel antennas, and electronic equipment necessary to run the facility on the roof and within the basement. Based on the residential zoning of the Project Site, the WTS facility is proposed on a Location Preference 7 Site (Disfavored Location) according to the WTS Facilities Siting Guidelines.

The proposed antennas would measure approximately 50" high, by 12" wide, by 7" thick, and would be screened within six (6) individual faux vent pipes, each rising approximately nine (9) feet above the roof. The screening material used for the faux vent pipes would be composed of a fiberglass like material known as fibre-reinforced plastic (FRP), which would be painted and textured to mimic vent pipes typically found on building rooftops in the surrounding neighborhood. The FRP material allows for the screening of panel antennas, while still allowing radio waves to pass through.

Electronic equipment necessary to run the facility would be located in two locations. A portion of the equipment would be located on the roof, but at locations (height and setback from roof edges) that would not be visible from adjacent public rights-of-way. The relatively larger, equipment cabinets would be located within an 72 square-foot area of the basement, and would include battery back-up cabinets, to provide backup power in the event of a power outage or disaster.

SITE DESCRIPTION AND PRESENT USE

The Project Site is located on Assessor's Block 0181, Lot 022 at the northeast corner of Jackson and Taylor Streets. The Subject building was developed in 1911, and is an approximately 38-foot tall, three-story building featuring two floors of residential dwellings over three ground floor commercial spaces.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

The Project Site lies within the Nob Hill neighborhood, along Hyde Street cable car line, and is surrounded by three-to-five story residential buildings.

ENVIRONMENTAL REVIEW

The Project is exempt from the California Environmental Quality Act ("CEQA") as a Class 3 categorical exemption. The categorical exemption and all pertinent documents may be found in the files of the Planning Department, as the custodian of records, at 1650 Mission Street, San Francisco.

HEARING NOTIFICATION

TYPE	REQUIRED PERIOD	REQUIRED NOTICE DATE	ACTUAL NOTICE DATE	ACTUAL PERIOD
Classified News Ad	20 days	August 22, 2014	August 20, 2014	22 days
Posted Notice	20 days	August 22, 2014	August 22, 2014	20 days
Mailed Notice	10 days	September 1, 2014	August 22, 2014	20 days

PUBLIC COMMENT

As of September 4, 2014, the Department has received correspondence, a petition and calls from 272 community members in opposition to the proposed Project based on concerns including the potential for health effects due to radio-frequency (RF) emissions, the potential for alternate sites within the neighborhood, the reduction in basement storage space for commercial tenants, and whether the structural integrity of the subject soft-storied wood building would safely allow for the placement of additional equipment and antennas.

In addition, the Project Sponsor held a community meeting at the Helen Wills Playground, at 1965 Larkin Street, to discuss the Project at 6:00 p.m. on June 11, 2014. Nine (9) community members attended the meeting. Similar concerns were raised as those received by the Department, as well as inquiries on how the FCC's public exposure standards compare to those in European countries.

In the event the proposed Project is approved, the Project Sponsor would be required to submit building permits, which would need to demonstrate that the proposed facility would comply with applicable building and fire codes.

In response to concerns raised by commercial tenants (dry cleaners and café), the equipment area was modified to reduce the size (from 80 to 72 square feet), allocation, and overall effect on available basement storage space for each tenant. Therefore, the proposed equipment area within the basement would reduce a minor portion of the storage area used by commercial tenants, but would not adversely affect business operations. The property owner would also work with the tenants evaluate opportunities to improve the use of the space, by reorganizing the storage spaces and adding shelving, if needed. In the event the project is approved and constructed, the conditions of approval would require that any modifications to the equipment area shall be reviewed by Planning Department staff to determine if there is a possible adverse effect on business tenants. Planning staff may require that the changes be reviewed and approved by the Planning Commission.

ISSUES AND OTHER CONSIDERATIONS

- Health and safety aspects of all wireless Projects are reviewed under the Department of Public Health, San Francisco Fire Department, and the Department of Building Inspection. The RF emissions associated with this Project have been determined to comply with limits established by the Federal Communications Commission (FCC).
- An updated Five Year Plan with approximate longitudinal and latitudinal coordinates of proposed locations, including the Project Site, is on file with the Planning Department.
- All required public notifications were conducted in compliance with the Planning Code and adopted WTS policies.

REQUIRED COMMISSION ACTION

Pursuant to Sections 209.6(b) and 303 of the Planning Code, a Conditional Use Authorization is required for a macro WTS facility in a RM-3 (Residential, Mixed Medium-Density) Zoning District.

BASIS FOR RECOMMENDATION

This Project is necessary and/or desirable under Section 303 of the Planning Code for the following reasons:

- The Project complies with the applicable requirements of the Planning Code.
- The Project is consistent with the Objectives and Policies of the General Plan.
- The Project is consistent with the 1996 WTS Facilities Siting Guidelines, Planning Commission Resolution No. 14182, 16539, and 18523 supplementing the 1996 WTS Guidelines.
- Health and safety aspects of all wireless projects are reviewed under the Department of Public Health and the Department of Building Inspections.
- The expected RF emissions fall well within the limits established by the Federal Communications Commission (FCC).
- Although the Project Site is considered a Disfavored Location (Location Preference 7), according to the Wireless Telecommunications Services (WTS) Facilities Siting Guidelines, due to its location within a residential zoning district, the Project Sponsor has submitted an Alternative Site Analysis demonstrating the lack of available locations considered a higher siting preference by the WTS Facilities Siting Guidelines. As such, the Department supports the siting of the facility on a Location Preference 7 property.
- Based on propagation maps provided by AT&T Mobility, the Project would provide enhanced 700 - 2170 Megahertz 4G LTE (4th Generation, Long-Term-Evolution, voice and data) coverage in an area that currently experiences gaps in coverage and capacity.
- Based on the analysis provided by AT&T Mobility, the Project will provide additional capacity in an area that currently experiences insufficient service during periods of high data usage.
- Based on independent third-party evaluation, the maps, data, and conclusions about service coverage and capacity provided by AT&T Mobility are accurate.
- The six (6) roof-mounted antennas would be screened within six (6) individual faux vent pipes. Related electronic equipment would be located on the roof and in the basement. The roof-mounted equipment would be placed at a height and setback from roof edge, so as to not be visible from adjacent public rights-of-way. The facility would continue to avoid intrusion into

public vistas, avoid disruption of the architectural integrity of building and insure harmony with neighborhood character.

- The Project has been reviewed by staff and found to be categorically exempt from further environmental review, as a Class 3 exemption of the California Environmental Quality Act.

RECOMMENDATION:	**Approval with Conditions**

☒	Executive Summary	☒	Project sponsor submittal
☒	Draft Motion		Drawings: Proposed Project
☒	Zoning District Map	☒	Check for legibility
☐	Height & Bulk Map	☒	Photo Simulations
☒	Parcel Map	☒	Coverage Maps
☒	Sanborn Map	☒	RF Report
☒	Aerial Photo	☒	DPH Approval
☒	Context Photos	☒	Community Outreach Report
☒	Site Photos	☒	Independent Evaluation

Exhibits above marked with an "X" are included in this packet om Planner's Initials

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Planning Commission Motion No. XXXXX

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ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTIONS 303(c) AND 209.6(b) TO INSTALL A MACRO WIRELESS TELECOMMUNICATIONS SERVICES FACILITY CONSISTING OF SIX SCREENED PANEL ANTENNAS AND ASSOCIATED EQUIPMENT LOCATED ON THE ROOFTOP AND BASEMENT OF AN EXISTING MIXED-USE BUILDING AS PART OF AT&T MOBILITY'S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN AN RM-3 (RESIDENTIAL, MIXED, MEDIUM-DENSITY) ZONING DISTRICT, AND A 65-A HEIGHT AND BULK DISTRICT.

PREAMBLE

On April 25, 2014, AT&T Mobility (hereinafter "Project Sponsor"), submitted an application (hereinafter "Application"), for a Conditional Use Authorization on the property at 1098 Jackson Street, Lot 022, in Assessor's Block 0181, (hereinafter "Project Site") to install a wireless telecommunications service facility (hereinafter "WTS") consisting of six (6) screened panel antennas and equipment located on the roof and side yard of the Subject Building, as part of AT&T Mobility's telecommunications network, within an RM-3 (Residential, Mixed, Medium-Density) Zoning District, and a 65-A Height and Bulk District.

The Project is exempt from the California Environmental Quality Act ("CEQA") as a Class 3 Categorical Exemption (Section 15303 of the California Environmental Quality Act). The Planning Commission has reviewed and concurs with said determination. The categorical

exemption and all pertinent documents may be found in the files of the Planning Department (hereinafter "Department"), as the custodian of records, at 1650 Mission Street, San Francisco.

On September 11, 2014, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on the Application for a Conditional Use Authorization.

The Commission has heard and considered the testimony presented to it at the public hearing and has further considered written materials and oral testimony presented on behalf of the Applicant, Department Staff, and other interested parties.

MOVED, that the Commission hereby authorizes the Conditional Use in Application No. 2014.0633C, subject to the conditions contained in "EXHIBIT A" of this motion, based on the following findings:

FINDINGS

Having reviewed the materials identified in the preamble above, and having heard all testimony and arguments, this Commission finds, concludes, and determines as follows:

1. The above recitals are accurate and constitute findings of this Commission.

2. **Site Description and Present Use**. The Project Site is located on Assessor's Block 0181, Lot 022 at the northeast corner of Jackson and Taylor Streets. The Subject Building was developed in 1911, and is an approximately 38-foot tall, three-story building featuring two floors of residential dwellings over three ground floor commercial spaces.

3. **Surrounding Properties and Neighborhood**. The Project Site lies within the Nob Hill neighborhood, along the Hyde Street cable car line, and is surrounded by three-to-five story residential buildings.

4. **Project Description.** The proposal is to allow the development of an AT&T Mobility macro wireless telecommunication services ("WTS") facility. The macro WTS facility would consist of six (6) screened rooftop-mounted panel antennas, and electronic equipment necessary to run the facility on the roof and within the basement.

   The proposed antennas would measure approximately 50" high, by 12" wide, by 7" thick, and would be screened within six (6) individual faux vent pipes, each rising approximately nine (9) feet above the roof. The screening material used for the faux vent pipes would be composed of a fiberglass like material known as fibre-reinforced plastic (FRP), which would be painted and textured to mimic vent pipes typically found on building rooftops in the surrounding neighborhood. The FRP material allows for the screening of panel antennas, while still allowing radio waves to pass through.

   Electronic equipment necessary to run the facility would be located in two locations: a

portion of the equipment would be located on the roof, but at locations (height and setback from roof edges) that would not be visible from adjacent public rights-of-way; the relatively larger equipment cabinets would be located within an 72 square-foot area of the basement, and would include battery back-up cabinets, to provide backup power in the event of a power outage or disaster.

5. **Past History and Actions.** The Planning Commission adopted the *Wireless Telecommunications Services (WTS) Facilities Siting Guidelines* ("Guidelines") for the installation of wireless telecommunications facilities in 1996. These Guidelines set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the Guidelines was dedicated to establishing location preferences for these installations. The Board of Supervisors, in Resolution No. 635-96, provided input as to where wireless facilities should be located within San Francisco. The Guidelines were updated by the Commission in 2003 and again in 2012, requiring community outreach, notification, and detailed information about the facilities to be installed.

   Section 8.1 of the Guidelines outlines Location Preferences for wireless facilities. There are five primary areas were the installation of wireless facilities should be located:

   1. Publicly-used Structures: such facilities as fire stations, utility structures, community facilities, and other public structures;
   2. Co-Location Site: encourages installation of facilities on buildings that already have wireless installations;
   3. Industrial or Commercial Structures: buildings such as warehouses, factories, garages, service stations;
   4. Industrial or Commercial Structures: buildings such as supermarkets, retail stores, banks; and
   5. Mixed-Use Buildings in High Density Districts: buildings such as housing above commercial or other non-residential space.

   Section 8.1 of the WTS Siting Guidelines further stipulates that the Planning Commission will not approve WTS applications for Preference 5 or below Location Sites unless the application describes (a) what publicly-used building, co-location site or other Preferred Location Sites are located within the geographic service area; (b) what good faith efforts and measures were taken to secure these more Preferred Locations, (c) explains why such efforts were unsuccessful; and (d) demonstrates that the location for the site is essential to meet demands in the geographic service area and the Applicant's citywide networks.

   Before the Planning Commission can review an application to install a wireless facility, the Project Sponsor must submit a five-year facilities plan, which must be updated biannually, an emissions report and approval by the Department of Public Health, Section 106 Declaration of Intent, an independent evaluation verifying coverage and capacity, a submittal checklist and details about the facilities to be installed.

Under Section 704(B)(iv) of the 1996 Federal Telecommunications Act, local jurisdictions cannot deny wireless facilities based on Radio Frequency (RF) radiation emissions so long as such facilities comply with the FCC's regulations concerning such emissions.

6. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of zoning districts and building uses for the siting of wireless telecommunications facilities. Under the *Guidelines*, and based on the zoning and land use, the WTS facility is proposed on a Location Preference 7 Site (Disfavored Location, Residential Zoned Site) according to the WTS Facilities Siting Guidelines.

   The carrier, AT&T Mobility, submitted an Alternative Site Analysis, which demonstrated the lack of available Preference 1 through 6 locations.

7. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network is designed to address coverage and capacity needs in the area. The network will operate in the 700 – 2,170 Megahertz (MHZ) bands, which are regulated by the Federal Communications Commission (FCC) and must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.

8. **Radiofrequency (RF) Emissions:** The Project Sponsor retained Hammett & Edison, Inc., a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the *Guidelines*, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the Guidelines.

9. **Department of Public Health Review and Approval.** The proposed Project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Existing radio-frequency (RF) levels at ground level were around 1% of the FCC public exposure limit.

   AT&T Mobility proposes to install six (6) panel antennas. The antennas will be mounted at a height of approximately 45 feet above the ground. The estimated ambient RF field from the proposed AT&T Mobility transmitters at ground level is calculated to be 0.11 mW/sq. cm., which is 13% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 68 feet and does not reach any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access to the area (25 feet) directly in front of the antenna while it is in operation.

10. **Coverage and Capacity Verification.** The maps, data, and conclusion provided by AT&T Mobility to demonstrate need for outdoor and indoor coverage and capacity have been determined by Hammett & Edison, and engineering consultant and independent third party to accurately represent the carrier's present and post-installation conclusions.

11. **Maintenance Schedule**. The proposed facility would operate without on-site staff but with a two-person maintenance crew visiting the property approximately once a month and on an as-needed basis to service and monitor the facility.

12. **Community Outreach.** Per the *Guidelines*, the Project Sponsor held a community meeting at the Helen Wills Playground, at 1965 Larkin Street, to discuss the Project at 6:00 p.m. on June 11, 2014. Nine (9) community members attended the meeting. Similar concerns were raised as those received by the Department, as well as inquiries on how the FCC's public exposure standards compare to those in European countries.

13. **Five-year plan:** Per the Guidelines, the Project Sponsor submitted an updated five-year plan, as required, in April 2014.

14. **Public Comment.** As of September 4, 2014, the Department has received correspondence, a petition and calls from 272 community members in opposition to the proposed Project based on concerns including the potential for health effects due to radio-frequency (RF) emissions, the potential for alternate sites within the neighborhood, the reduction in basement storage space for commercial tenants, and whether the structural integrity of the subject soft-storied wood building would safely allow for the placement of additional equipment and antennas.

    In the event the proposed Project is approved, the Project Sponsor would be required to submit building permits, which would need to demonstrate that the proposed facility would comply with applicable building and fire codes.

    In response to concerns raised by commercial tenants (dry cleaners and café), the equipment area was modified to reduce the size (from 80 to 72 square feet), allocation, and overall effect on available basement storage space for each tenant. Therefore, the proposed equipment area within the basement would reduce a minor portion of the storage area used by commercial tenants, but would not adversely affect business operations. The property owner will also work with the tenants evaluate opportunities to improve the use of the space, by reorganizing the storage spaces and adding shelving, if needed. In the event the project is approved and constructed, the conditions of approval would require that any modifications to the equipment area shall be reviewed by Planning Department staff to determine if there is a possible adverse effect on business tenants. Planning staff may require that the changes be reviewed and approved by the Planning Commission.

15. **Planning Code Compliance.** The Commission finds that the Project is consistent with the relevant provisions of the Planning Code in the following manner:

    A. **Use.** Per Planning Code Section 209.6(b), a Conditional Use Authorization is required for the installation of utility installation, including a wireless telecommunication services facility.

16. **Planning Code Section 303** establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use approval. On balance, the Project does comply with said criteria in that:

A. The proposed new uses and building, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable, and compatible with, the neighborhood or the community.

i. *Desirable: San Francisco is a leader of the technological economy; it is important and desirable to the vitality of the City to have and maintain adequate telecommunications coverage and data capacity. This includes the installation and upgrading of systems to keep up with changing technology and increases in usage. It is desirable for the City to allow wireless facilities to be installed.*

The proposed Project at 1098 Jackson Street is generally desirable and compatible with the surrounding neighborhood because the Project will not conflict with the existing uses of the property and will be designed to be compatible with the surrounding neighborhood. The placement of antennas and related support and protection features are so located, designed, and treated architecturally to minimize their visibility from public places, to avoid intrusion into public vistas, to avoid disruption of the architectural design integrity of buildings, and to insure harmony with the existing neighborhood character and promote public safety. The Project has been reviewed and determined to not cause the removal or alteration of any significant architectural features of the subject building.

ii. *Necessary: In the case of wireless installations, there are two criteria that the Commission reviews: coverage and capacity.*

Coverage: San Francisco does have sufficient overall wireless coverage (note that this is separate from carrier capacity). San Francisco's unique coverage issues are due to topography and building heights. The hills and buildings disrupt lines of site between WTS base stations. Thus, telecommunication carriers continue to install additional installations to make sure coverage is sufficient.

Capacity: While a carrier may have adequate coverage in a certain area, the capacity may not be sufficient. With the continuous innovations in wireless data technology and demand placed on existing infrastructure, individual telecommunications carriers must upgrade and in some instances expand their facilities network to provide proper data and voice capacity. It is necessary for San Francisco, as a leader in technology, to have adequate capacity.

The proposed Project at 1098 Jackson Street is necessary in order to achieve sufficient street and in-building mobile phone coverage and data capacity. Recent drive tests in the subject area conducted by the AT&T Mobility Radio Frequency Engineering Team provide that the Project Site is a preferable location, based on factors including quality of coverage and aesthetics.

B. The proposed project will not be detrimental to the health, safety, convenience or general welfare of persons residing or working in the vicinity. There are no features of the project that could be detrimental to the health, safety or convenience of those residing or working the area, in that:

i. Nature of proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;

The Project must comply with all applicable Federal and State regulations to safeguard the health, safety and to ensure that persons residing or working in the vicinity will not be affected, and prevent harm to other personal property.

The Department of Public Health conducted an evaluation of potential health effects from Radio Frequency radiation, and has concluded that the proposed wireless transmission facilities will have no adverse health effects if operated in compliance with the FCC-adopted health and safety standards.

ii. The accessibility and traffic patterns for persons and vehicles, the type and volume of such traffic, and the adequacy of proposed off-street parking and loading;

No increase in traffic volume is anticipated with the facilities operating unmanned, with a maintenance crew visiting the Site once a month or on an as-needed basis.

iii. The safeguards afforded to prevent noxious or offensive emissions such as noise, glare, dust and odor;

While some noise and dust may result from the installation of the antennas and transceiver equipment, noise or noxious emissions from continued use are not likely to be significantly greater than ambient conditions due to the operation of the wireless communication network.

iv. Treatment given, as appropriate, to such aspects as landscaping, screening, open spaces, parking and loading areas, service areas, lighting and signs;

All of the antennas and roof-mounted equipment areas are screened, or so located so as to approximate mechanical appurtenances normally found on similar building rooftops. Related electronic equipment would be placed at a height, and setback from roof edge, so as to not be visible from adjacent public rights-of-way. The proposed antennas and equipment will not affect landscaping, open space, parking, lighting or signage at the Project Site or surrounding area.

C. That the use as proposed will comply with the applicable provisions of the Planning Code and will not adversely affect the General Plan.

The Project complies with all relevant requirements and standards of the Planning Code and is consistent with Objectives and Policies of the General Plan, as detailed below.

D. That the use as proposed would provide development that is in conformity with the purpose of the applicable Neighborhood Commercial District.

The Project Site is not located within a Neighborhood Commercial District.

17. **General Plan Compliance.** The Project is, on balance, consistent with the following Objectives and Policies of the General Plan:

HOUSING ELEMENT
Objectives and Policies

BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE

OBJECTIVE 12:
BALANCE HOUSING GROWTH WITH ADEQUATE INFRASTRUCTURE THAT SERVES THE CITY'S GROWING POPULATION.

Policy 12.3:
Ensure new housing is sustainable supported by the City's public infrastructure systems.

The Project will improve AT&T Mobility's coverage and capacity along Jackson and Taylor Streets, and surrounding areas within the Nob Hill neighborhood.

URBAN DESIGN ELEMENT
Objectives and Policies

HUMAN NEEDS

OBJECTIVE 4:
IMPROVEMENT OF THE NEIGHBORHOOD ENVIRONMENT TO INCREASE PERSONAL SAFETY, COMFORT, PRIDE AND OPPORTUNITY.

Policy 4.14:
Remove and obscure distracting and cluttering elements.

The proposed antennas and rooftop equipment, where visible from adjacent public rights-of-way, would be located in such as manner as to approximate mechanical appurtenances associated with a similar building rooftop. The height, setback from roof edge, and use of shrouding, would ensure the facility does not appear cluttered or distracting.

COMMERCE AND INDUSTRY ELEMENT
Objectives and Policies

OBJECTIVE 1:
MANAGE ECONOMIC GROWTH AND CHANGE TO ENSURE ENHANCEMENT OF THE TOTAL CITY LIVING AND WORKING ENVIRONMENT.

Policy 1:
Encourage development, which provides substantial net benefits and minimizes undesirable consequences. Discourage development, which has substantial undesirable consequences that cannot be mitigated.

Policy 2:
Assure that all commercial and industrial uses meet minimum, reasonable performance standards.

The Project would enhance the total city living and working environment by providing communication services for residents and workers within the City. Additionally, the Project would comply with Federal, State and Local performance standards.

OBJECTIVE 2:
MAINTAIN AND ENHANCE A SOUND AND DIVERSE ECONOMIC BASE AND FISCAL STRUCTURE FOR THE CITY.

Policy 1:
Seek to retain existing commercial and industrial activity and to attract new such activity to the city.

Policy 3:
Maintain a favorable social and cultural climate in the city in order to enhance its attractiveness as a firm location.

The Site would be an integral part of a new wireless communications network that would enhance the City's diverse economic base.

OBJECTIVE 4:
IMPROVE THE VIABILITY OF EXISTING INDUSTRY IN THE CITY AND THE ATTRACTIVENESS OF THE CITY AS A LOCATION FOR NEW INDUSTRY.

Policy 1:
Maintain and enhance a favorable business climate in the City.

Policy 2:
Promote and attract those economic activities with potential benefit to the City.

The Project would benefit the City by enhancing the business climate through improved communication services for residents and workers.

VISITOR TRADE ELEMENT

OBJECTIVE 8:
ENHANCE SAN FRANCISCO'S POSITION AS A NATIONAL CENTER FOR CONVENTIONS AND VISITOR TRADE.

Policy 8.3:
Assure that areas of particular visitor attraction are provided with adequate public services for both residents and visitors.

The Project would ensure that residents and visitors have adequate public service in the form of AT&T Mobility telecommunications.

COMMUNITY SAFETY ELEMENT
Objectives and Policies

OBJECTIVE 3:
ESTABLISH STRATEGIES TO ADDRESS THE IMMEDIATE EFFECTS OF A DISASTER.

Policy 1.20
Increase communication capabilities in preparation for all phases of a disaster and ensure communication abilities extend to hard-to-reach areas and special populations.

Policy 2.4
Bolster the Department of Emergency Management's role as the City's provider of emergency planning and communication, and prioritize its actions to meet the needs of San Francisco.

Policy 2.15
Utilize advancing technology to enhance communication capabilities in preparation for all phases of a disaster, particularly in the high-contact period immediately following a disaster.

Policy 3.7:
Develop a system to convey personalized information during and immediately after a disaster.

The Project would enhance the ability of the City to protect both life and property from the effects of a fire or natural disaster by providing communication services.

18. **Planning Code Section 101.1(b)** establishes eight priority-planning policies and requires review of permits for consistency with said policies. On balance, the Project does comply with said policies in that:

A. That existing neighborhood-serving retail uses be preserved and enhanced and future opportunities for resident employment in and ownership of such businesses be enhanced.

The equipment area would utilize approximately 72 square feet of basement area used for storage by neighborhood-serving retail uses within the Subject building. However, the reduction in storage areas would be modest and would not adversely affect any businesses. The conditions of approval require that any modifications to the equipment area shall be reviewed by Planning Department staff to determine if there is a possible adverse effect on business tenants. Planning staff may require that the changes be reviewed and approved by the Planning Commission. Lastly, the wireless communications network would enhance personal communication services.

B. That existing housing and neighborhood character be conserved and protected in order to preserve the cultural and economic diversity of our neighborhoods.

No residential uses would be displaced or altered in any way by the granting of this Authorization. The facility consists of roof-mounted equipment and equipment within the Subject Building. The facility, including the cable tray used to connect the roof-mounted antennas to the equipment shelter, would not impair access to light and air for residents within the Subject Building. The roof-mounted equipment would be screened or minimally visible, and would therefore not adversely affect the neighborhood character.

C. That the City's supply of affordable housing be preserved and enhanced.

The Project would have no adverse effect on housing in the vicinity.

D. That commuter traffic not impede MUNI transit service or overburden our streets or neighborhood parking.

Due to the nature of the Project and minimal maintenance or repair, municipal transit service would not be significantly impeded and neighborhood parking would not be overburdened.

E. That a diverse economic base be maintained by protecting our industrial and service sectors from displacement due to commercial office development, and that future opportunities for resident employment and ownership in these sectors be enhanced.

The Project would cause no displacement of industrial and service sector activity.

F. That the City achieve the greatest possible preparedness to protect against injury and loss of life in an earthquake.

Compliance with applicable structural safety and seismic safety requirements would be considered during the building permit application review process.

G. That landmarks and historic buildings be preserved.

The Project Site is considered a Potential Historic Resource, developed in 1911. The majority of the facility, which is visible from the public right-of-way, consists of six (6) panel antennas, which would be screened from view by elements intended to mimic faux vent pipes typically found on buildings within the neighborhood. The faux vent pipes would be of a massing, height, and setback from roof edge so as to not appear out of scale with the Subject Building. Furthermore, the facility would not alter, obscure, nor detract from character defining elements such as the parapets or primary facades. A cable tray would run down the east facing façade, which is considered a secondary façade and is minimally visible from adjacent public rights-of-way. No elements exhibiting craftsmanship or detailing are present at areas where the facility is proposed. Furthermore the proposed facility would not detract from views of other buildings considered potential historic resources in the surrounding area.

H. That our parks and open space and their access to sunlight and vistas be protected from development.

The Project would have no adverse effect on parks or open space, or their access to sunlight or public vistas.

19. The Project is consistent with and would promote the general and specific purposes of the Code provided under Section 101.1(b) in that, as designed, the Project would contribute to the character and stability of the neighborhood and would constitute a beneficial development.

20. The Commission hereby finds that approval of the Conditional Use Authorization would promote the health, safety and welfare of the City.

DECISION

The Commission, after carefully balancing the competing public and private interests, and based upon the Recitals and Findings set forth above, in accordance with the standards specified in the Code, hereby approves the Conditional Use Authorization under Planning Code Sections 209.6(b) and 303 to install six (6) screened panel antennas and associated equipment cabinets on the roof and basement of the Project Site and as part of a wireless transmission network operated by AT&T Mobility on a Location Preference 7 (Disfavored Location, Residential Zoning) according to the Wireless Telecommunications Services (WTS) Facilities Siting Guidelines, within an RM-3 (Residential, Mixed, Medium-Density) District, and a 65-A Height and Bulk District, and subject to the conditions of approval attached hereto as **Exhibit A;** in general conformance with the plans, dated September 3, 2014, and stamped "Exhibit B."

APPEAL AND EFFECTIVE DATE OF MOTION: Any aggrieved person may appeal this Conditional Use Authorization to the Board of Supervisors within thirty (30) days after the date of this Motion No. XXXXX. The effective date of this Motion shall be the date of this Motion if not appealed (after the 30-day period has expired) OR the date of the decision of the Board of Supervisors if appealed to the Board of Supervisors. For further information, please contact the Board of Supervisors at (415) 554-5184, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

Protest of Fee or Exaction: You may protest any fee or exaction subject to Government Code Section 66000 that is imposed as a condition of approval by following the procedures set forth in Government Code Section 66020. The protest must satisfy the requirements of Government Code Section 66020(a) and must be filed within 90 days of the date of the first approval or conditional approval of the development referencing the challenged fee or exaction. For purposes of Government Code Section 66020, the date of imposition of the fee shall be the date of the earliest discretionary approval by the City of the subject development.

If the City has not previously given Notice of an earlier discretionary approval of the project, the Planning Commission's adoption of this Motion, Resolution, Discretionary Review Action or the Zoning Administrator's Variance Decision Letter constitutes the approval or conditional approval of the development and the City hereby gives **NOTICE** that the 90-day protest period under Government Code Section 66020 has begun. If the City has already given Notice that the 90-day approval period has begun for the subject development, then this document does not re-commence the 90-day approval period.

I hereby certify that the foregoing Motion was adopted by the Planning Commission on **September 11, 2014**.

Jonas P. Ionin
Commission Secretary

AYES:

NAYS:

ABSENT:

ADOPTED: September 11, 2014

EXHIBIT A

AUTHORIZATION

This authorization is for a Conditional Use Authorization under Planning Code Sections 209.6(b) and 303 to install six (6) screened panel antennas and associated equipment cabinets on the roof and basement of the Project Site and as part of a wireless transmission network operated by AT&T Mobility on a Location Preference 7 (Disfavored Site, Residentially Zoning) according to the Wireless Telecommunications Services (WTS) Facilities Siting Guidelines, within an RM-3 (Residential, Mixed, Medium-Density) District, and a 65-A Height and Bulk District, and subject to the conditions of approval attached hereto as **Exhibit A;** in general conformance with the plans, dated September 3, 2014, and stamped "Exhibit B."

RECORDATION OF CONDITIONS OF APPROVAL

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the Project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on **September 11, 2014** under Motion No. XXXXX.

PRINTING OF CONDITIONS OF APPROVAL ON PLANS

The conditions of approval under the 'Exhibit A' of this Planning Commission Motion No. XXXXX shall be reproduced on the Index Sheet of construction plans submitted with the Site or Building permit application for the Project. The Index Sheet of the construction plans shall reference to the Conditional Use Authorization and any subsequent amendments or modifications.

SEVERABILITY

The Project shall comply with all applicable City codes and requirements. If any clause, sentence, section or any part of these conditions of approval is for any reason held to be invalid, such invalidity shall not affect or impair other remaining clauses, sentences, or sections of these conditions. This decision conveys no right to construct, or to receive a building permit. "Project Sponsor" shall include any subsequent responsible party.

CHANGES AND MODIFICATIONS

Changes to the approved plans may be approved administratively by the Zoning Administrator. Significant changes and modifications of conditions shall require Planning Commission approval of a new Conditional Use Authorization.

Conditions of Approval, Compliance, Monitoring, and Reporting

PERFORMANCE

1. **Validity and Expiration.** The authorization and right vested by virtue of this action is valid for three (3) years from the effective date of the Motion. A building permit from the Department of Building Inspection to construct the project and/or commence the approved use must be issued as this Conditional Use Authorization is only an approval of the proposed project and conveys no independent right to construct the Project or to commence the approved use. The Planning Commission may, in a public hearing, consider the revocation of the approvals granted if a site or building permit has not been obtained within three (3) years of the date of the Motion approving the Project. Once a site or building permit has been issued, construction must commence within the timeframe required by the Department of Building Inspection and be continued diligently to completion. The Commission may also consider revoking the approvals if a permit for the Project has been issued but is allowed to expire and more than three (3) years have passed since the Motion was approved.
   For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org.

2. **Extension.** This authorization may be extended at the discretion of the Zoning Administrator only where failure to issue a permit by the Department of Building Inspection to perform said tenant improvements is caused by a delay by a local, State or Federal agency or by any appeal of the issuance of such permit(s).
   For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org.

DESIGN – COMPLIANCE AT PLAN STAGE

3. **Plan Drawings - WTS**. Prior to the issuance of any building or electrical permits for the installation of the facilities, the Project Sponsor shall submit final scaled drawings for review and approval by the Planning Department ("Plan Drawings"). The Plan Drawings shall describe:
   a. Basement Equipment Area. Any changes to the approved basement equipment area shall be reviewed by Planning Department staff. If said changes are determined to have an adverse effect on on-site businesses, Planning staff may require that the change be reviewed and approved by the Planning Commission.
   b. Structure and Siting. Identify all facility related support and protection measures to be installed. This includes, but is not limited to, the location(s) and method(s) of placement, support, protection, screening, paint and/or other treatments of the antennas and other appurtenances to insure public safety, insure compatibility with urban design, architectural and historic preservation principles, and harmony with neighborhood character.
   c. For the Project Site, regardless of the ownership of the existing facilities. Identify the location of all existing antennas and facilities; and identify the location of all approved (but not installed) antennas and facilities.

d. Emissions. Provide a report, subject to approval of the Zoning Administrator, that operation of the facilities in addition to ambient RF emission levels will not exceed adopted FCC standards with regard to human exposure in uncontrolled areas.
For information about compliance, contact the Case Planner, Planning Department at 415-575-9078, www.sf-planning.org .

4. **Screening - WTS.** To the extent necessary to ensure compliance with adopted FCC regulations regarding human exposure to RF emissions, and upon the recommendation of the Zoning Administrator, the Project Sponsor shall:
   a. Modify the placement of the facilities;
   b. Install fencing, barriers or other appropriate structures or devices to restrict access to the facilities;
   c. Install multi-lingual signage, including the RF radiation hazard warning symbol identified in ANSI C95.2 1982, to notify persons that the facility could cause exposure to RF emissions;
   d. Implement any other practice reasonably necessary to ensure that the facility is operated in compliance with adopted FCC RF emission standards.
   e. To the extent necessary to minimize visual obtrusion and clutter, installations shall conform to the following standards:
   f. Antennas and back up equipment shall be painted, fenced, landscaped or otherwise treated architecturally so as to minimize visual effects;
   g. Rooftop installations shall be setback such that back up facilities are not viewed from the street;
   h. Antennas attached to building facades shall be so placed, screened or otherwise treated to minimize any negative visual impact; and
   i. Although co location of various companies' facilities may be desirable, a maximum number of antennas and back up facilities on the Project Site shall be established, on a case by case basis, such that "antennae farms" or similar visual intrusions for the site and area is not created.

   For information about compliance, contact the Case Planner, Planning Department at 415-575-9078, www.sf-planning.org .

MONITORING - AFTER ENTITLEMENT

5. **Enforcement.** Violation of any of the Planning Department conditions of approval contained in this Motion or of any other provisions of Planning Code applicable to this Project shall be subject to the enforcement procedures and administrative penalties set forth under Planning Code Section 176 or Section 176.1. The Planning Department may also refer the violation complaints to other city departments and agencies for appropriate enforcement action under their jurisdiction.
   For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

6. **Monitoring.** The Project requires monitoring of the conditions of approval in this Motion. The Project Sponsor or the subsequent responsible parties for the Project shall pay fees as

established under Planning Code Section 351(e) (1) and work with the Planning Department for information about compliance.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

7. **Revocation due to Violation of Conditions.** Should implementation of this Project result in complaints from interested property owners, residents, or commercial lessees which are not resolved by the Project Sponsor and found to be in violation of the Planning Code and/or the specific Conditions of Approval for the Project as set forth in Exhibit A of this Motion, the Zoning Administrator shall refer such complaints to the Commission, after which it may hold a public hearing on the matter to consider revocation of this authorization.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org.

8. **Implementation Costs - WTS**.
   a. The Project Sponsor, on an equitable basis with other WTS providers, shall pay the cost of preparing and adopting appropriate General Plan policies related to the placement of WTS facilities. Should future legislation be enacted to provide for cost recovery for planning, the Project Sponsor shall be bound by such legislation.
   b. The Project Sponsor or its successors shall be responsible for the payment of all reasonable costs associated with implementation of the conditions of approval contained in this authorization, including costs incurred by this Department, the Department of Public Health, the Department of Technology, Office of the City Attorney, or any other appropriate City Department or agency. The Planning Department shall collect such costs on behalf of the City.
   c. The Project Sponsor shall be responsible for the payment of all fees associated with the installation of the subject facility, which are assessed by the City pursuant to all applicable law.
   For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

9. **Implementation and Monitoring - WTS**. In the event that the Project implementation report includes a finding that RF emissions for the site exceed FCC Standards in any uncontrolled location, the Zoning Administrator may require the Applicant to immediately cease and desist operation of the facility until such time that the violation is corrected to the satisfaction of the Zoning Administrator.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

10. **Project Implementation Report - WTS**. The Project Sponsor shall prepare and submit to the Zoning Administrator a Project Implementation Report. The Project Implementation Report shall:
   a. Identify the three dimensional perimeter closest to the facility at which adopted FCC standards for human exposure to RF emissions in uncontrolled areas are satisfied;

b. Document testing that demonstrates that the facility will not cause any potential exposure to RF emissions that exceed adopted FCC emission standards for human exposure in uncontrolled areas.
c. The Project Implementation Report shall compare test results for each test point with applicable FCC standards. Testing shall be conducted in compliance with FCC regulations governing the measurement of RF emissions and shall be conducted during normal business hours on a non-holiday weekday with the subject equipment measured while operating at maximum power.
d. Testing, Monitoring, and Preparation. The Project Implementation Report shall be prepared by a certified professional engineer or other technical expert approved by the Department. At the sole option of the Department, the Department (or its agents) may monitor the performance of testing required for preparation of the Project Implementation Report. The cost of such monitoring shall be borne by the Project Sponsor pursuant to the condition related to the payment of the City's reasonable costs.
    i. Notification and Testing. The Project Implementation Report shall set forth the testing and measurements undertaken pursuant to Conditions 2 and 4.
    ii. Approval. The Zoning Administrator shall request that the Certification of Final Completion for operation of the facility not be issued by the Department of Building Inspection until such time that the Project Implementation Report is approved by the Department for compliance with these conditions.

For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, www.sfdph.org.

11. **Notification prior to Project Implementation Report - WTS.** The Project Sponsor shall undertake to inform and perform appropriate tests for residents of any dwelling units located within 25 feet of the transmitting antenna at the time of testing for the Project Implementation Report.
    a. At least twenty calendar days prior to conducting the testing required for preparation of the Project Implementation Report, the Project Sponsor shall mail notice to the Department, as well as to the resident of any legal dwelling unit within 25 feet of a transmitting antenna of the date on which testing will be conducted. The Applicant will submit a written affidavit attesting to this mail notice along with the mailing list.
    b. When requested in advance by a resident notified of testing pursuant to subsection (a), the Project Sponsor shall conduct testing of total power density of RF emissions within the residence of that resident on the date on which the testing is conducted for the Project Implementation Report.

    For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

12. **Installation - WTS.** Within 10 days of the installation and operation of the facilities, the Project Sponsor shall confirm in writing to the Zoning Administrator that the facilities are being maintained and operated in compliance with applicable Building, Electrical and other Code requirements, as well as applicable FCC emissions standards.
    For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

13. **Periodic Safety Monitoring - WTS.** The Project Sponsor shall submit to the Zoning Administrator 10 days after installation of the facilities, and every two years thereafter, a certification attested to by a licensed engineer expert in the field of EMR/RF emissions, that the facilities are and have been operated within the then current applicable FCC standards for RF/EMF emissions.
For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, www.sfdph.org.

OPERATION

14. **Community Liaison.** Prior to issuance of a building permit application to construct the project and implement the approved use, the Project Sponsor shall appoint a community liaison officer to deal with the issues of concern to owners and occupants of nearby properties. The Project Sponsor shall provide the Zoning Administrator written notice of the name, business address, and telephone number of the community liaison. Should the contact information change, the Zoning Administrator shall be made aware of such change. The community liaison shall report to the Zoning Administrator what issues, if any, are of concern to the community and what issues have not been resolved by the Project Sponsor.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

15. **Out of Service – WTS**. The Project Sponsor or Property Owner shall remove antennas and equipment that has been out of service or otherwise abandoned for a continuous period of six months.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

16. **Emissions Conditions – WTS**. It is a continuing condition of this authorization that the facilities be operated in such a manner so as not to contribute to ambient RF/EMF emissions in excess of then current FCC adopted RF/EMF emission standards; violation of this condition shall be grounds for revocation.
For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, www.sfdph.org.

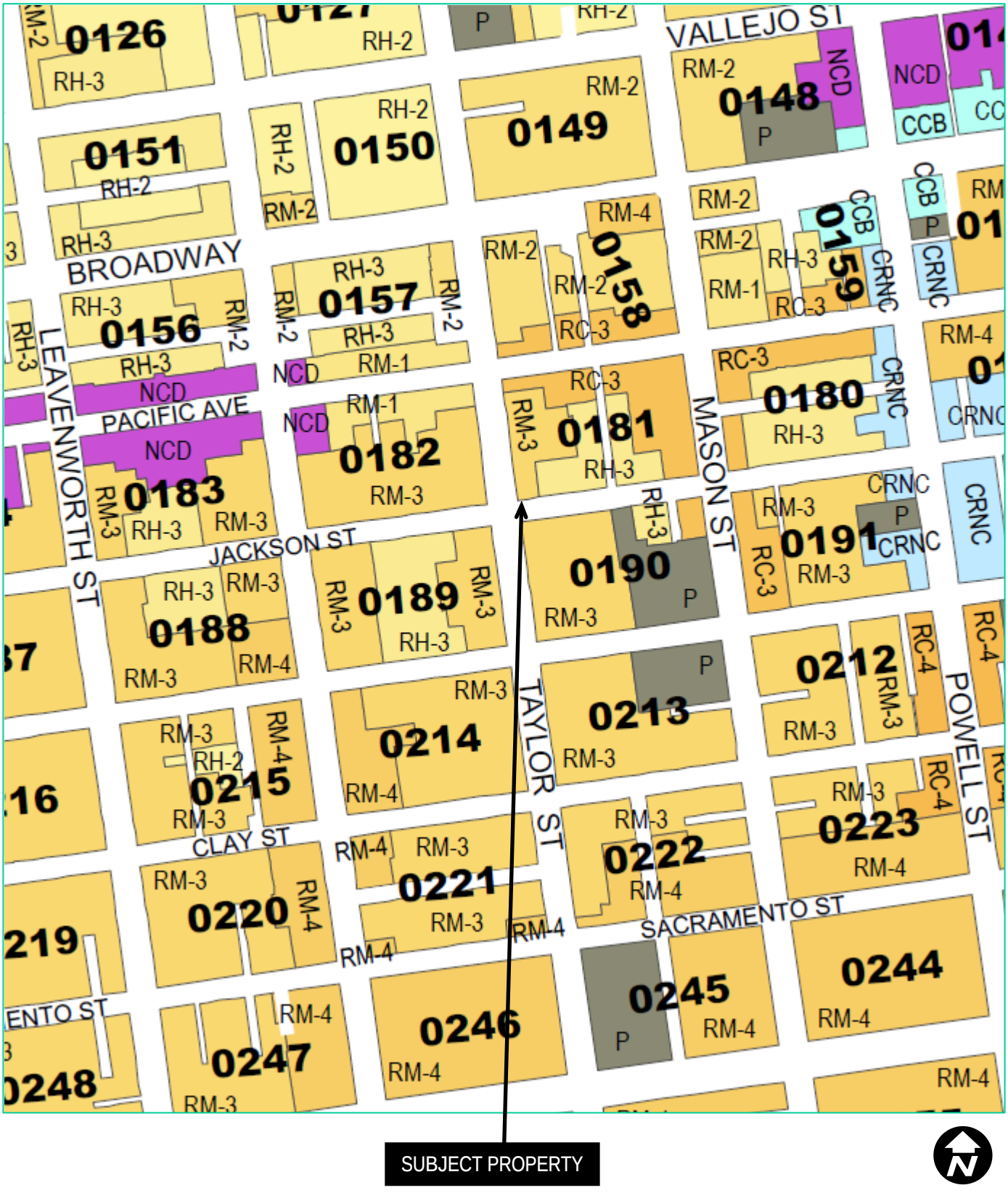
17. **Noise and Heat – WTS**. The WTS facility, including power source and cooling facility, shall be operated at all times within the limits of the San Francisco Noise Control Ordinance. The WTS facility, including power source and any heating/cooling facility, shall not be operated so as to cause the generation of heat that adversely affects a building occupant.
For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, www.sfdph.org.

18. **Transfer of Operation – WTS**. Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency

provided that such transfer is made known to the Zoning Administrator in advance of such operation, and all conditions of approval for the subject installation are carried out by the new carrier/provider.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

19. **Compatibility with City Emergency Services – WTS**. The facility shall not be operated or caused to transmit on or adjacent to any radio frequencies licensed to the City for emergency telecommunication services such that the City's emergency telecommunications system experiences interference, unless prior approval for such has been granted in writing by the City.
For information about compliance, contact the Department of Technology, 415-581-4000, http://sfgov3.org/index.aspx?page=1421

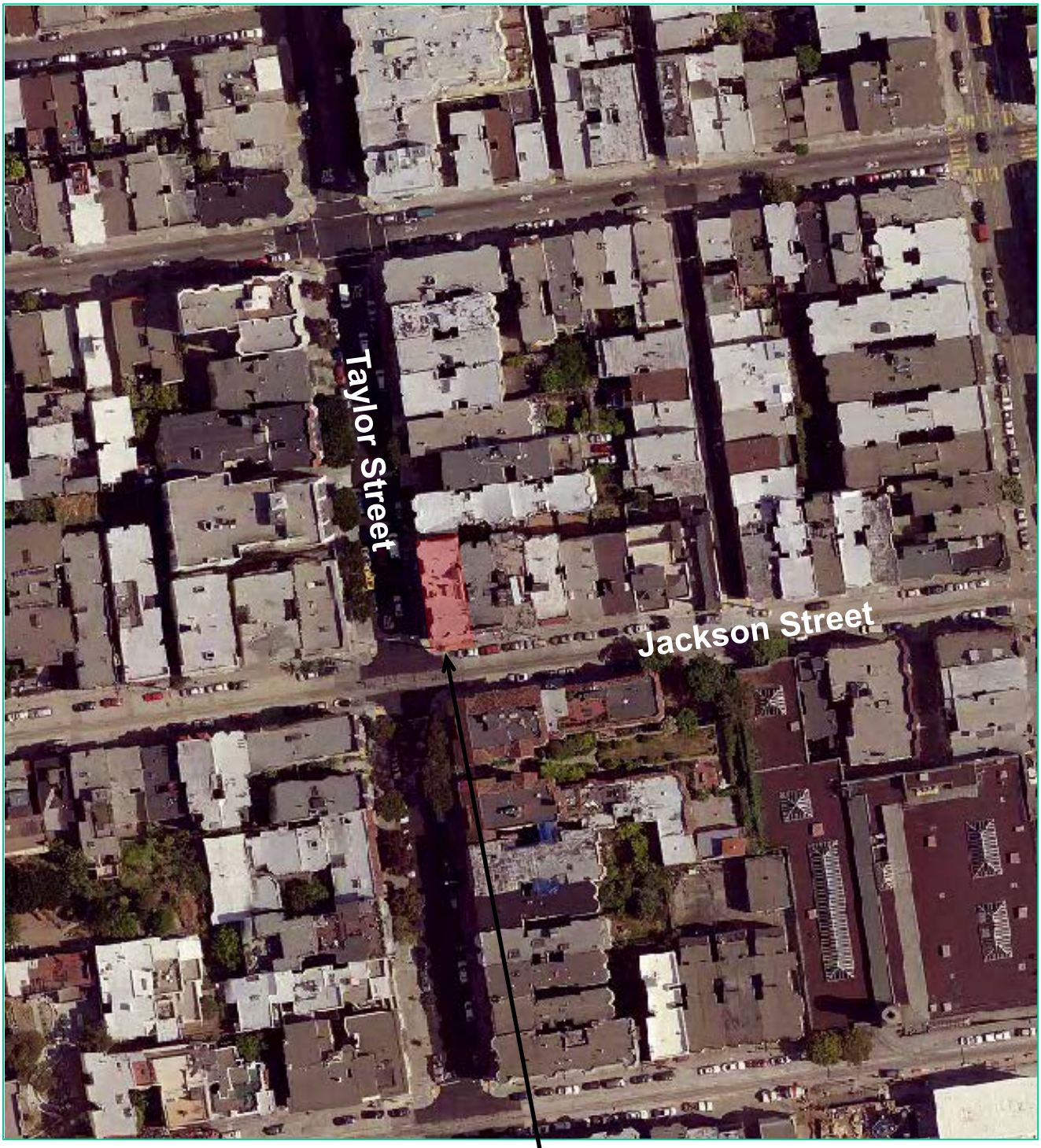
Zoning Map



Case Number 2014.0633C
AT&T Mobility Macro WTS Facility
1098 Jackson Street

SAN FRANCISCO
PLANNING DEPARTMENT

Aerial Photo



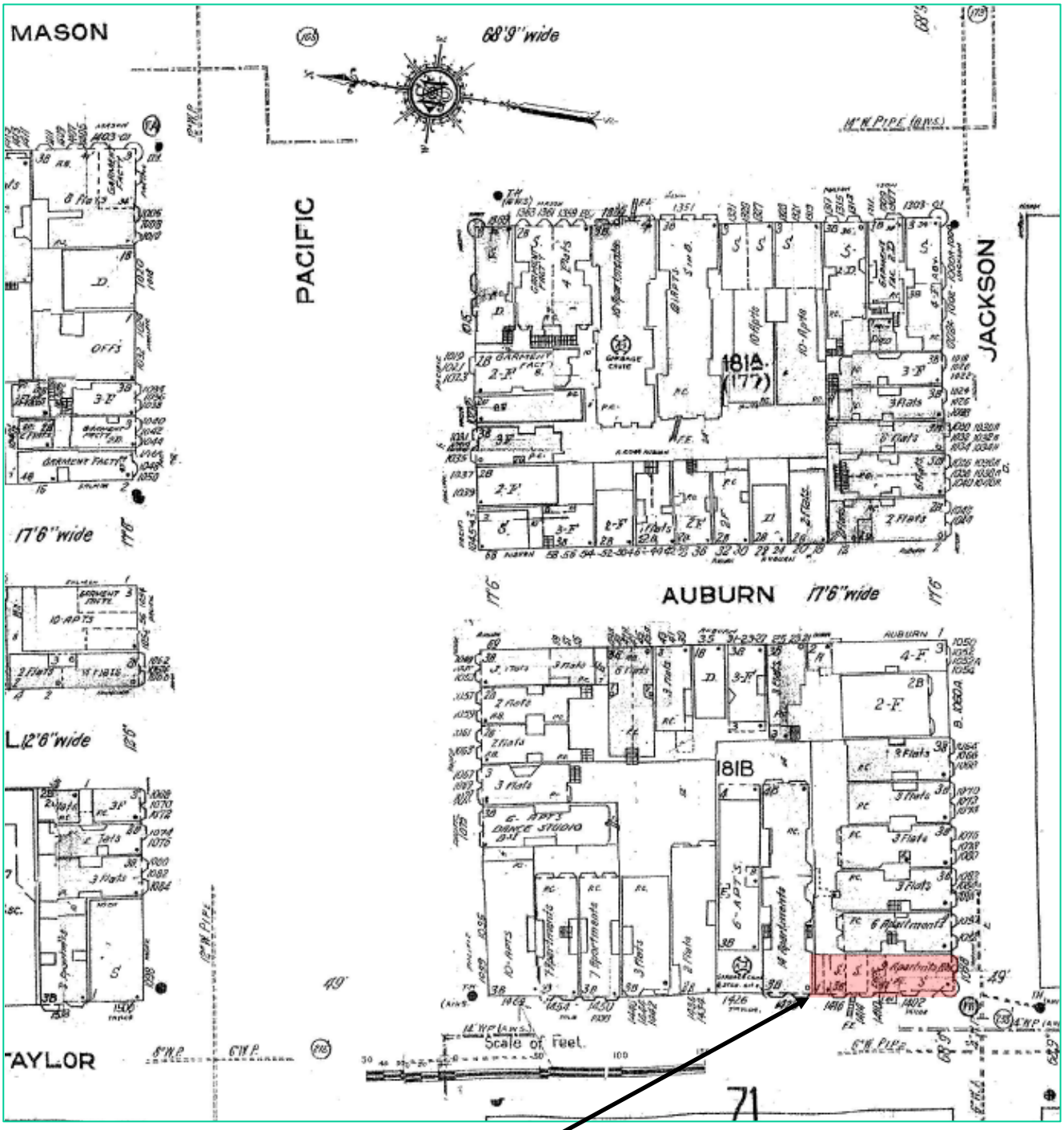
Case Number 2014.0633C
AT&T Mobility Macro WTS Facility
1098 Jackson Street

Parcel Map

Case Number 2014.0633C
AT&T Mobility Macro WTS Facility
1098 Jackson Street

SAN FRANCISCO
PLANNING DEPARTMENT

Sanborn Map*



*The Sanborn Maps in San Francisco have not been updated since 1998, and this map may not accurately reflect existing conditions.

Case Number 2014.0633C
AT&T Mobility Macro WTS Facility
1098 Jackson Street

G. Contextual Photographs

The following are photographs of the surrounding buildings within 100-feet of the subject property showing the facades and heights of nearby buildings:

Subject site – 1098 Jackson St

View looking West down Jackson St.

Looking North down Taylor St

Looking East down Taylor Street

View looking South down Jackson St.

Existing

Proposed

Photo simulation as seen looking northeast from Taylor and Jackson

Prepared by: **03.10.2014**
WW Design & Consulting, Inc.
1654 Candelero Court
Walnut Creek, CA 94598
info@photosims.com

at&t

CNU5713 Clay & Taylor
1098 Jackson Street, San Francisco, CA 94133

Existing

Proposed

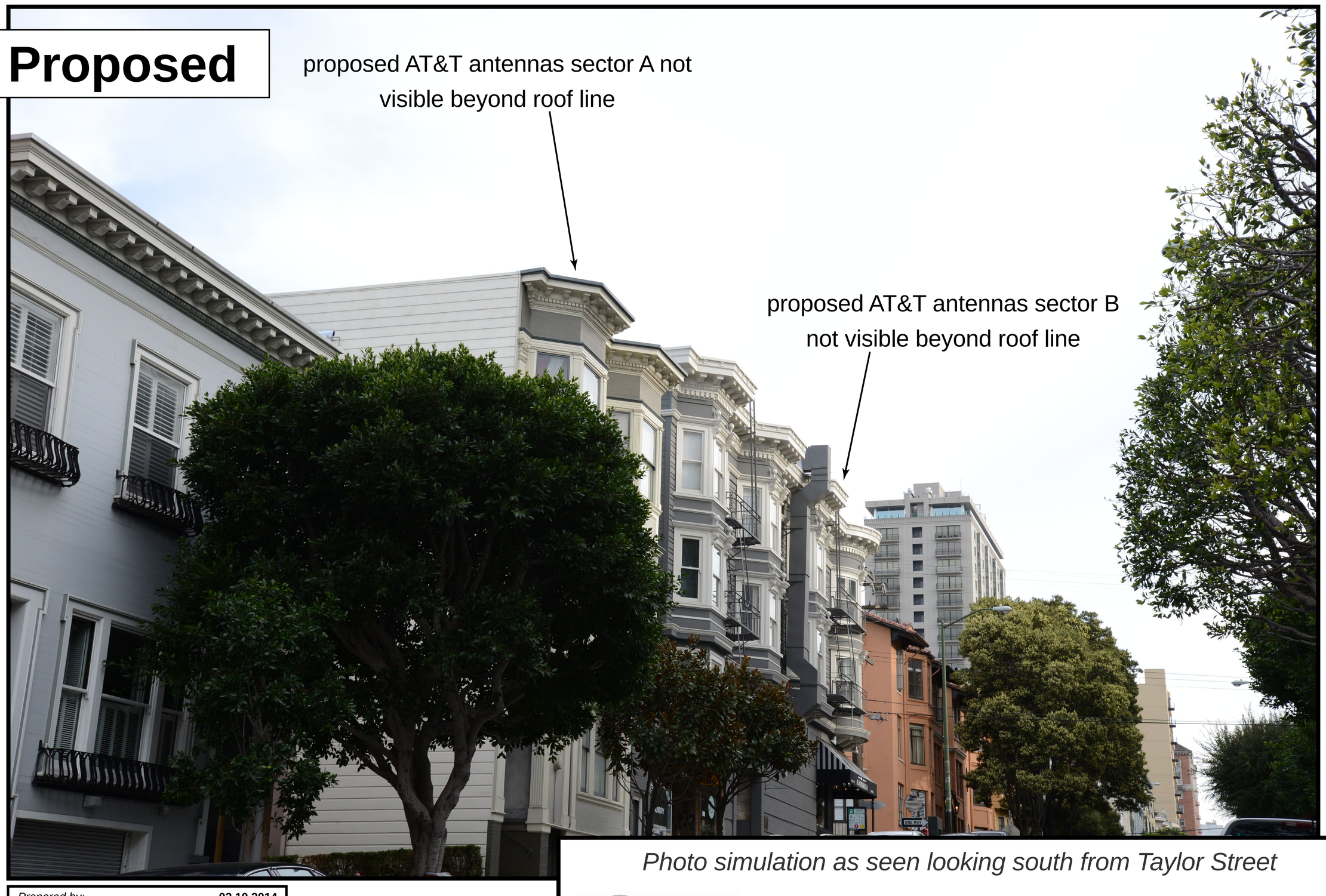


Photo simulation as seen looking south from Taylor Street

CNU5713 Clay & Taylor
1098 Jackson Street, San Francisco, CA 94133

Prepared by: **03.10.2014**
WW Design & Consulting, Inc.
1654 Candelero Court
Walnut Creek, CA 94598
info@photosims.com

AT&T Mobility • Proposed Base Station (Site No. CN5713)
1098 Jackson Street • San Francisco, California

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate the base station (Site No. CN5713) proposed to be located at 1098 Jackson Street in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

Background

The San Francisco Department of Public Health has adopted a 10-point checklist for determining compliance of proposed WTS facilities or proposed modifications to such facilities with prevailing safety standards. The acceptable limits set by the FCC for exposures of unlimited duration are:

Wireless Service	Frequency Band	Occupational Limit	Public Limit
Microwave (Point-to-Point)	5,000–80,000 MHz	5.00 mW/cm^2	1.00 mW/cm^2
WiFi	2,400–5,800	5.00	1.00
BRS (Broadband Radio)	2,600	5.00	1.00
WCS (Wireless Communication)	2,300	5.00	1.00
AWS (Advanced Wireless)	2,100	5.00	1.00
PCS (Personal Communication)	1,950	5.00	1.00
Cellular	870	2.90	0.58
SMR (Specialized Mobile Radio)	855	2.85	0.57
700 MHz	700	2.40	0.48
[most restrictive frequency range]	30–300	1.00	0.20

The site was visited by Mr. Rajat Mathur, P.E., a qualified engineer employed by Hammett & Edison, Inc., during normal business hours on January 15, 2014, a non-holiday weekday, and reference has been made to information provided by AT&T, including zoning drawings by Streamline Engineering and Design, Inc., dated April 11, 2014.

Checklist

1. *The location of all existing antennas and facilities at site. Existing RF levels.*

There were observed four WiFi antennas, believed to be installed by Towerstream, on short poles above the roof parapet of the three-story mixed-use building located at 1098 Jackson Street. Existing RF levels for a person at ground near the site were less than 1% of the most restrictive public exposure limit. The measurement equipment used was a Wandel & Goltermann Type EMR-300 Radiation Meter with Type 18 Isotropic Electric Field Probe (Serial No. C-0010). The meter and probe were under current calibration by the manufacturer.

2. *The location of all approved (but not installed) antennas and facilities. Expected RF levels from approved antennas.*

No other WTS facilities are reported to be approved for this site but not installed.

3. *The number and types of WTS within 100 feet of proposed site and estimates of additive EMR emissions at proposed site.*

There were no other WTS facilities observed within 100 feet of the site.

4. *Location (and number) of Applicant's antennas and back-up facilities per building and location (and number) of other WTS at site.*

AT&T proposes to install six Andrew Model SBNH-1D65A directional panel antennas on short poles above the roof. The antennas would be mounted with up to 6° downtilt at an effective height of about 44½ feet above ground, 7 feet above the roof, and would be oriented in groups of three toward 200°T and 330°T.

5. *Power rating (maximum and expected operating power) for all existing and proposed backup equipment subject to application.*

The expected operating power of the AT&T transmitters is reflected in the resulting effective radiated power given in Item 6 below; the transmitters may operate at a power below their maximum rating. The power rating of the Towerstream transmitters is not known.

6. *Total number of watts per installation and total number of watts for all installations at site.*

The maximum effective radiated power proposed by AT&T in any direction is 10,550 watts, representing simultaneous operation at 4,380 watts for WCS, 4,030 watts for PCS, 800 watts for cellular, and 1,340 watts for 700 MHz service. The number of watts for the Towerstream operation is not known, though its contribution to ambient RF levels at the site is reflected in the measurements reported in Item 1 above.

7. *Plot or roof plan showing method of attachment of antennas, directionality of antennas, and height above roof level. Discuss nearby inhabited buildings.*

The drawings show the antennas to be installed as described in Item 4 above. There were noted buildings of similar height nearby, located at least 50 feet away.

8. *Estimated ambient RF levels for proposed site and identify three-dimensional perimeter where exposure standards are exceeded.*

For a person anywhere at ground, the maximum RF exposure level due to the proposed AT&T operation by itself is calculated to be 0.11 mW/cm^2, which is 13% of the applicable public exposure limit. Ambient RF levels at ground level near the site are therefore estimated to be below 14% of the limit. The maximum calculated cumulative level at the top-floor elevation of any nearby residence* is 37% of the public exposure limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 68 feet out from the antenna faces and to much lesser

* Located at least 50 feet away, based on photographs from Google Maps.

distances above, below, and to the sides; this includes areas of the roof of the building, but does not reach any publicly accessible areas.

9. Describe proposed signage at site.

It is recommended that barricades be erected, as shown in Figure 1, to preclude access by unauthorized persons in front of the antennas. To prevent occupational exposures in excess of the FCC guidelines, it is recommended that appropriate RF safety training be provided to all authorized personnel who have access to the roof, including employees and contractors of the wireless carriers as well as roofers, HVAC workers, and building maintenance staff. No access within 25 feet directly in front of the antennas themselves, such as might occur during maintenance work on the roof, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Marking "Prohibited Access Areas" with red paint stripes and "Worker Notification Areas" with yellow paint stripes on the roof of the building in front of the antennas, as shown in Figure 1 attached, and posting explanatory signs† at the roof access door, on the barricades, and at the antennas such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would be sufficient to meet FCC-adopted guidelines. Similar measures may be appropriate for Towerstream; the applicable keep-back distance for that carrier has not been determined as part of this study.

10. Statement of authorship.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration Nos. E-13026 and M-20676, which expire on June 30, 2015. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

† Signs should comply with OET-65 color, symbol, and content recommendations. Contact information should be provided (*e.g.*, a telephone number) to arrange for access to restricted areas. The selection of language(s) is not an engineering matter; the San Francisco Department of Public Health recommends that all signs be written in English, Spanish, and Chinese.

Conclusion

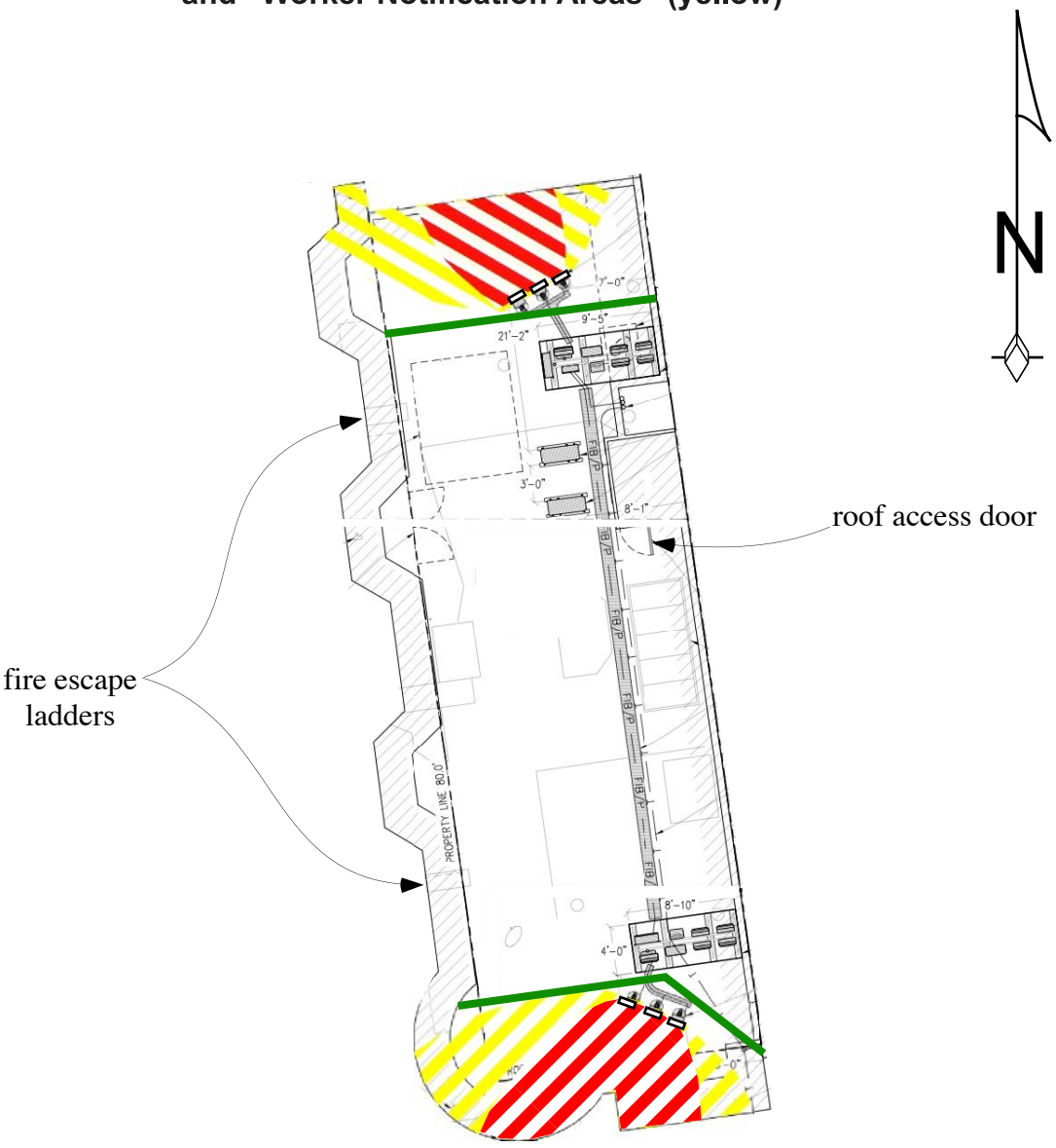
Based on the information and analysis above, it is the undersigned's professional opinion that operation of the base station proposed by AT&T Mobility at 1098 Jackson Street in San Francisco, California, can comply with the prevailing standards for limiting human exposure to radio frequency energy and, therefore, need not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Erecting barricades is recommended to establish compliance with public exposure limitations; training of authorized personnel, marking roof areas and posting explanatory signs are recommended to establish compliance with occupational exposure limitations.

William F. Hammett, P.E.
707/996-5200

April 16, 2014

AT&T Mobility • Proposed Base Station (Site No. CN5713)
1098 Jackson Street • San Francisco, California

Suggested Minimum Locations for Barricades (green) and for Striping to Identify "Prohibited Access Areas" (red) and "Worker Notification Areas" (yellow)



Notes:
Base drawing from Streamline Engineering and Design, Inc., dated April 11, 2014.
Barricades should be erected as shown to preclude access by the public to areas in front of the antennas.
"Prohibited Access Areas" should be marked with red paint stripes, "Worker Notification Areas" should be marked with yellow paint stripes, and explanatory signs should be posted outside the areas, readily visible to authorized workers needing access. See text.

City and County of San Francisco
DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION

Edwin M. Lee, Mayor
Barbara A. Garcia, MPA, Director of Health
Richard J. Lee, MPH, CIH REHS, Director of EH

Review of Cellular Antenna Site Proposals

Project Sponsor : *AT&T Wireless* **Planner:** *Omar Masry*

RF Engineer Consultant: *Hammett and Edison* **Phone Number:** *(707) 996-5200*

Project Address/Location: *1098 Jackson St*

Site ID: *1838* **SiteNo.:** *CN5713*

The following information is required to be provided before approval of this project can be made. These information requirements are established in the San Francisco Planning Department Wireless Telecommunications Services Facility Siting Guidelines dated August 1996.
In order to facilitate quicker approval of this project, it is recommended that the project sponsor review this document before submitting the proposal to ensure that all requirements are included.

X 1. The location of all existing antennas and facilities. Existing RF levels. (WTS-FSG, Section 11, 2b)

☑ Existing Antennas No Existing Antennas: **4**

X 2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from the approved antennas. (WTS-FSG Section 11, 2b)

◉ **Yes** ○ **No**

X 3. The number and types of WTS within 100 feet of the proposed site and provide estimates of cumulative EMR emissions at the proposed site. (WTS-FSG, Section 10.5.2)

◉ **Yes** ○ **No**

X 4. Location (and number) of the Applicant's antennas and back-up facilities per building and number and location of other telecommunication facilities on the property (WTS-FSG, Section 10.4.1a)

X 5. Power rating (maximum and expected operating power) for all existing and proposed backup equipment subject to the application (WTS-FSG, Section 10.4.1c)

Maximum Power Rating: **10550** watts.

X 6. The total number of watts per installation and the total number of watts per sector for all installations or the building (roof or side) (WTS-FSG, Section 10.5.1).

Maximum Effective Radiant: **10550** watts.

X 7. Preferred method of attachment of proposed antenna (roof, wall mounted, monopole) with plot or roof plan. Show directionality of antennas. Indicate height above roof level. Discuss nearby inhabited buildings (particularly in direction of antennas) (WTS-FSG, Section 10.41d)

X 8. Report estimated cumulative radio frequency fields for the proposed site including ground level (identify the three-dimensional perimeter where the FCC standards are exceeded.) (WTS-FSG, Section 10.5) State FCC standard utilized and power density exposure level (i.e. 1986 NCRP, 200 mw/cm2)

Maximum RF Exposure: **0.11** mW/cm^2 Maximum RF Exposure Percent: **13**

X 9. Signage at the facility identifying all WTS equipment and safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards. (WTS-FSG, Section 10.9.2). Discuss signage for those who speak languages other than English.

☑ Public_Exclusion_Area Public Exclusion In Feet: **68**

☑ Occupational_Exclusion_Area Occupational Exclusion In Feet: **25**

X 10. Statement on who produced this report and qualifications.

X **Approved**. Based on the information provided the following staff believes that the project proposal will comply with the current Federal Communication Commission safety standards for radiofrequency radiation exposure. FCC standard CFR47 1.1310 **Approval of the subsequent Project Implementation Report is based on project sponsor completing recommendations by project consultant and DPH.**

Comments:

There are currently no antennas operated by AT&T Wireless installed on the roof top of the building at 1098 Jackson Street. Existing RF levels at ground level were around 1% of the FCC public exposure limit. Towerstream has also installed WiFi antennas at this location. AT&T Wireless proposes to install 6 new antennas. The antennas will be mounted at a height of about 45 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.11 mW/sq cm., which is 13% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 68 feet and includes portions of the rooftop areas. Barricades should be installed to prevent access to these areas. The nearest residential building of similar height is located about 50 feet away and the maximum calculated RF level is 37% of the FCC public standard. Warning signs must be posted at the antennas, barricades and roof access points in English, Spanish and Chinese. Workers should not have access to within 25 feet of the front of the antennas while they are in operation. Prohibited access areas should be marked with red striping and worker notification zones with yellow striping on the rooftop.

—— **Not Approved**, additional information required.

—— **Not Approved**, does not comply with Federal Communication Commission safety standards for radiofrequency radiation exposure. FCC Standard

1 Hours spent reviewing

Charges to Project Sponsor (in addition to previous charges, to be received at time of receipt by Sponsor)

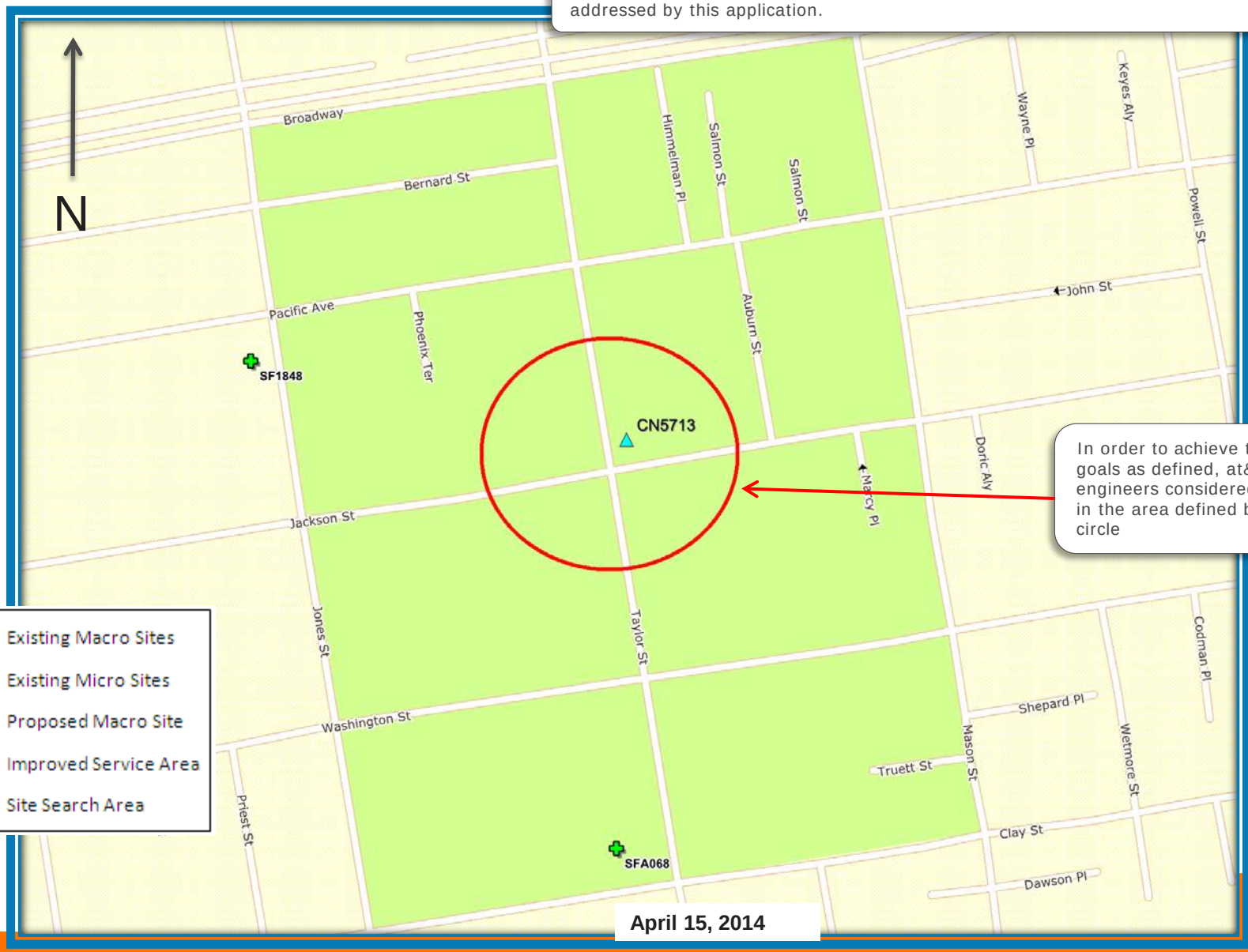
Signed: Paul Fosdahl Dated: 4/22/2014

Patrick Fosdahl
Environmental Health Management Section
San Francisco Dept. of Public Health
1390 Market St., Suite 210,
San Francisco, CA. 94102
(415) 252-3904

Service Improvement Objective (CN5713)

1098 Jackson Street

The green shaded area shows the general area for wireless service improvements addressed by this application.



In order to achieve the service goals as defined, at&t network engineers considered site locations in the area defined by the red circle

April 15, 2014

at&t

Exhibit 2 - Proposed Site at 1098 Jackson St. (CN5713)

Service Area BEFORE site is constructed

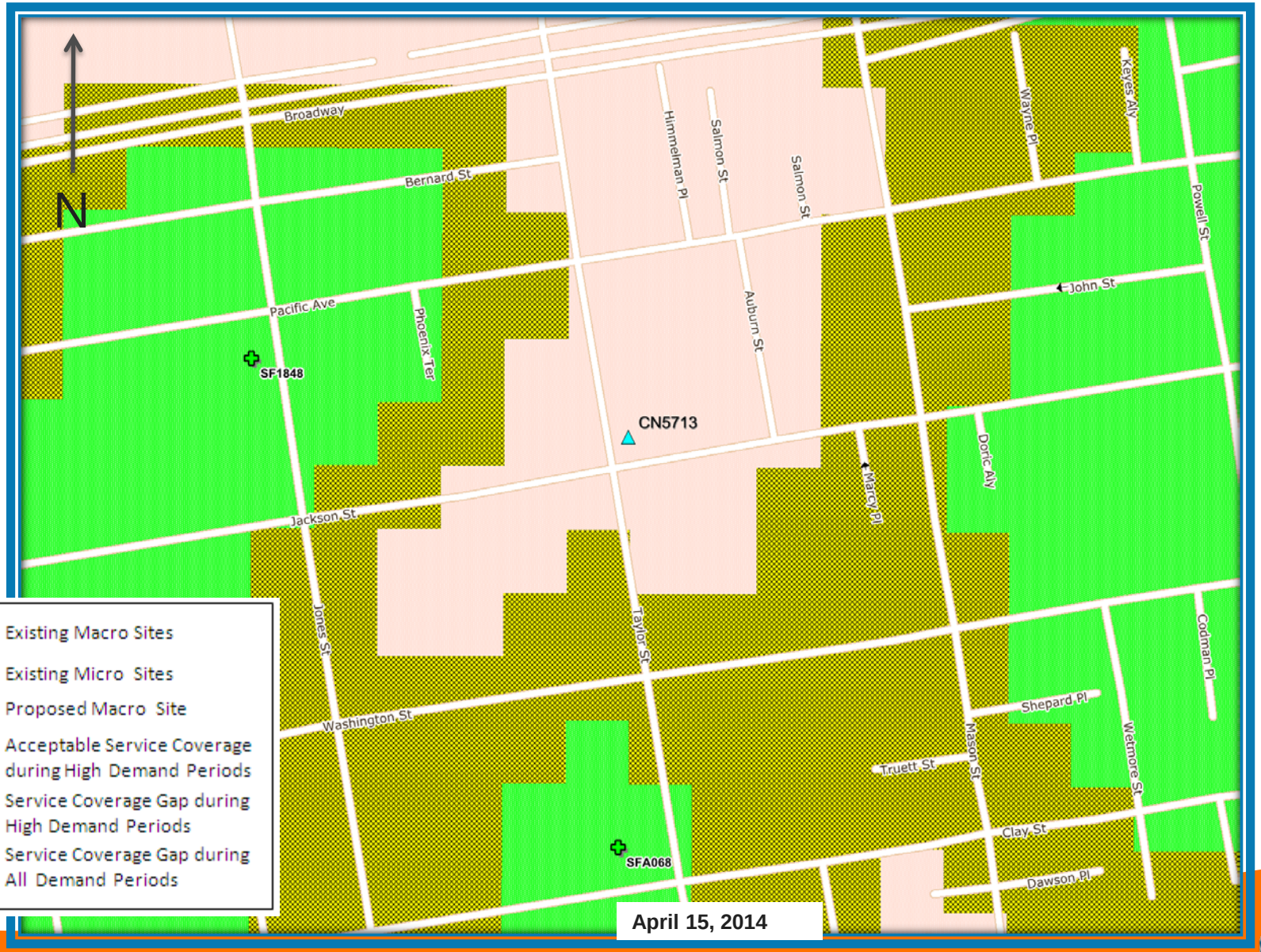
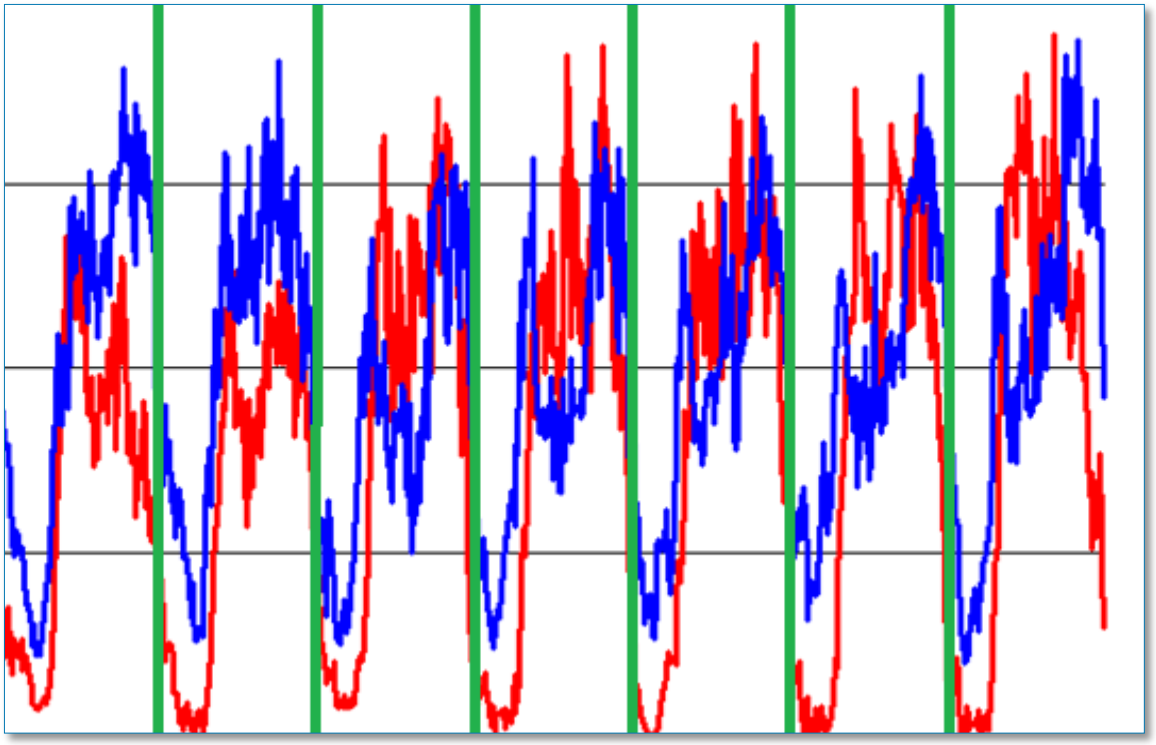


Exhibit 3 - Current 7-Day Traffic Profile for the Location of CN5713

Data Traffic

Voice Traffic



Saturday

Friday

Exhibit 3 - Current 24-Hour Traffic Profile for the Location of CN5713

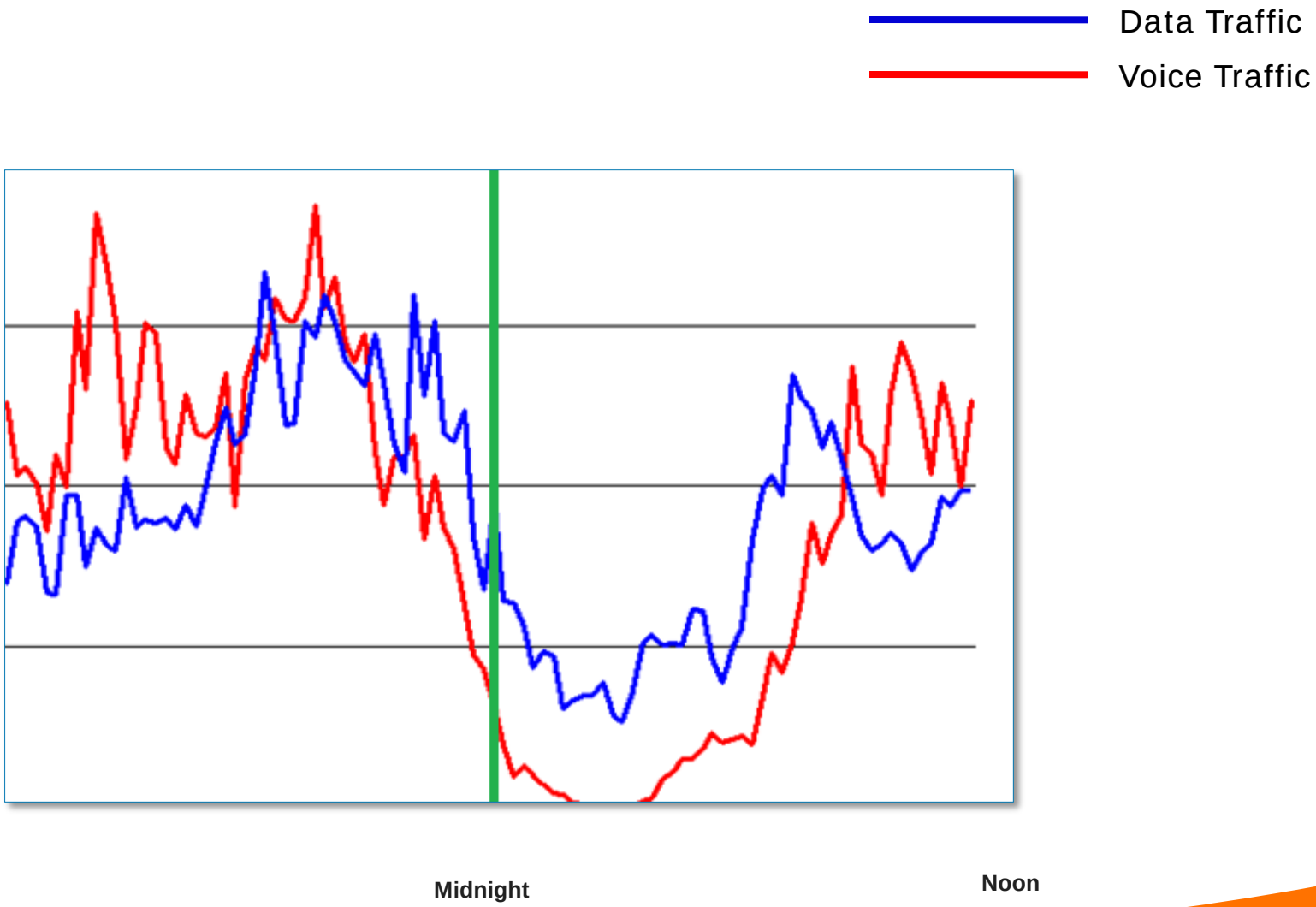


Exhibit 4 - Proposed Site at 1098 Jackson St. (CN5713)

Service Area AFTER site is constructed

Exhibit 5 - Proposed Site at 1098 Jackson St. (CN5713)

4G LTE Service Area BEFORE site is constructed

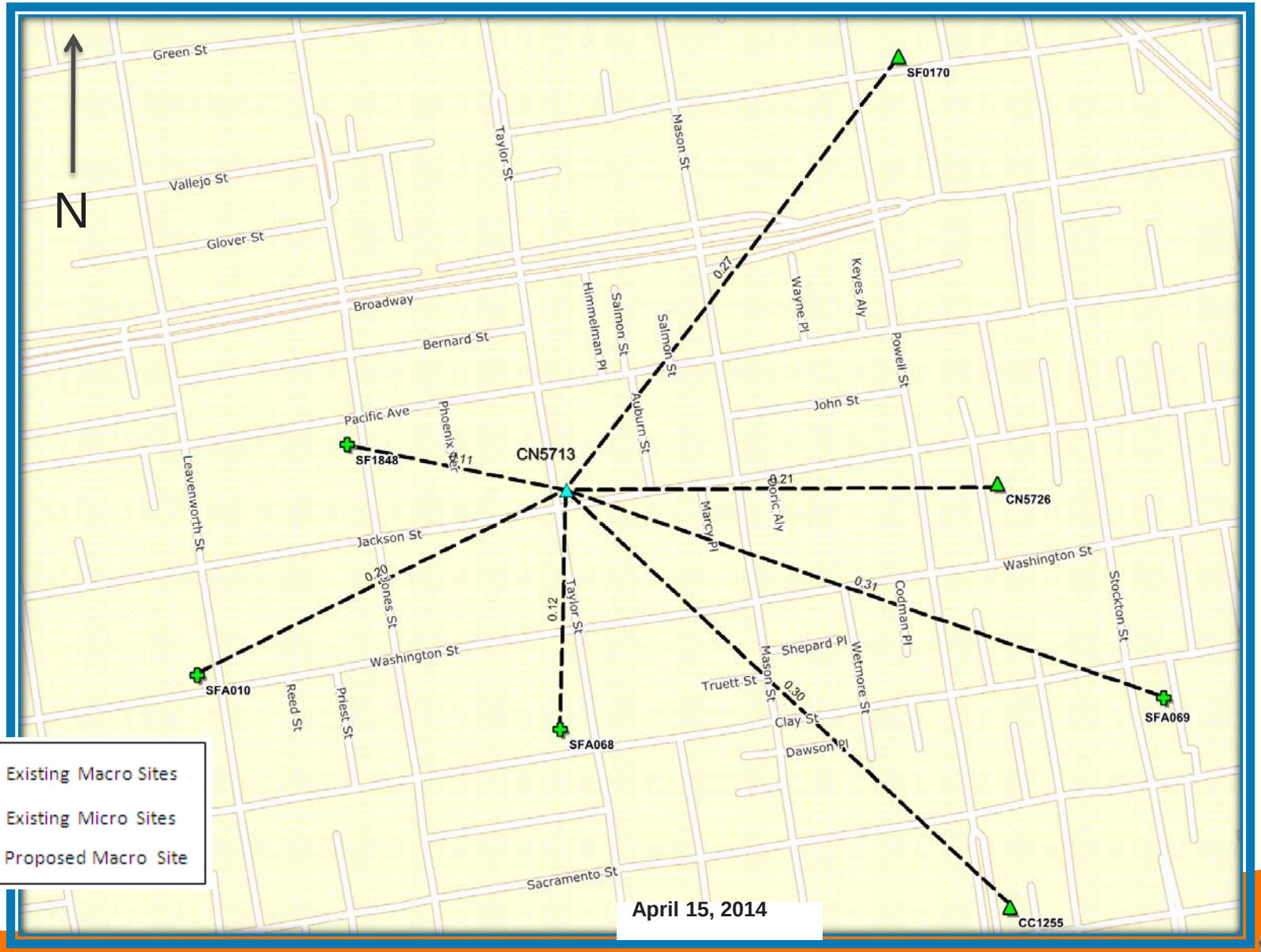
Exhibit 6 - Proposed Site at 1098 Jackson St. (CN5713)

4G LTE Service Area AFTER site is constructed

April 15, 2014

Existing Surrounding Sites at 1098 Jackson St.

CN5713



April 15, 2014

AT&T Mobility Conditional Use Permit Application
1098 Jackson Street, San Francisco

STATEMENT OF MICHAEL CANIGLIA

I manage AT&T's design with respect to the proposed wireless communications facility at 1098 Jackson Street, San Francisco (the "Property"). Based on my personal knowledge of the Property and with AT&T's wireless network, as well as my review of AT&T's records with respect to the Property and its wireless telecommunications facilities in the surrounding area, I have concluded that the work associated with this permit request is needed to close a significant service coverage gap in the area roughly bordered by Broadway, Jones, Clay and Mason Streets.

The service coverage gap is caused by obsolete or inadequate (or, in the case of 4G LTE, non-existent) infrastructure along with increased use of wireless broadband services in the area. As explained further in Exhibit 1, AT&T's existing facilities cannot adequately serve its customers in the desired area of coverage, let alone address rapidly increasing data usage. Although there is reasonable 3G outdoor signal strength in the area, 3G coverage indoors may be weak and the quality of 3G service overall is unacceptable, particularly during high usage periods of the day. Moreover, 4G LTE service coverage has not yet been deployed in this area.

AT&T uses Signal-to-Noise information to identify the areas in its network where capacity restraints limit service. This information is developed from many sources including terrain and clutter databases, which simulate the environment, and propagation models that simulate signal propagation in the presence of terrain and clutter variation. Signal-to-Noise information measures the difference between the signal strength and the noise floor within a radio frequency channel, which, in turn, provides a measurement of service quality in an area. Although the signal level may be adequate by itself, the noise level fluctuates with usage due to the nature of the 3G technology and at certain levels of usage the noise level rises to a point where the signal-to-noise ratio is not adequate to maintain a satisfactory level of service. In other words, while the signal itself fluctuates as a function of distance of the user from the base station, the noise level fluctuates with the level of usage on the network on all mobiles and base stations in the vicinity. Signal-to-Noise information identifies where the radio frequency channel is usable; as noise increases during high usage periods, the range of the radio frequency channel declines causing the service coverage area for the cell to contract.

Exhibit 2 to this Statement is a map of existing service coverage (without the proposed installation at the Property) in the area at issue. It includes service coverage provided by existing AT&T sites. The green shaded areas depict areas within a Signal-to-Noise range that provide acceptable service coverage even during high demand periods. Thus, based upon current usage, customers are able to initiate and complete voice or data calls either outdoors or most indoor areas at any time of the day, independent of the number of users on the network. The yellow shaded cross-hatched areas depict areas within a Signal-to-Noise range that results in a service coverage gap during high demand periods. In this area, severe service interruptions occur during periods of high usage, but reliable and uninterrupted service may be available during low demand periods. The pink shading depicts areas within a Signal-to-Noise range in which a customer might have difficulty receiving a consistently acceptable level of service at any time, day or night, not just during high demand periods. The quality of service experienced by any individual customer can differ greatly depending on whether that customer is indoors, outdoors, stationary, or in transit. Any area in the pink or yellow cross-hatched category is considered inadequate service coverage and constitutes a service coverage gap.

Exhibit 3 to this Statement depicts the current actual voice and data traffic in the immediate area. As you can see from the exhibit, the traffic fluctuates at different times of the day. In actuality, the service coverage footprint is constantly changing; wireless engineers call it "cell breathing" and during high usage periods, as depicted in the chart, the service coverage gap increases substantially. The time periods in which the existing surrounding cell sites experience highest usage conditions (as depicted in the yellow shaded cross-hatched area in Exhibit 2) are significant. Based upon my review of the maps, the Signal-to-Noise information, and the actual voice and data traffic in this area, it is my opinion that the service coverage gap shown in Exhibit 2 is significant.

Exhibit 4 to this Statement is a map that predicts service coverage based on Signal-to-Noise information in the vicinity of the Property if antennas are placed as proposed in the application. As shown by this map, placement of the equipment at the Property closes the significant 3G service coverage gap.

In addition to these 3G wireless service gap issues, AT&T is in the process of deploying its 4G LTE service in San Francisco with the goal of providing the most advanced personal wireless experience available to residents of the City. 4G LTE is capable of delivering speeds up to 10 times faster than industry-average 3G speeds. LTE technology also offers lower latency, or the processing time it takes to move data through a network, such as how long it takes to start downloading a webpage or file once

you've sent the request. Lower latency helps to improve the quality of personal wireless services. What's more, LTE uses spectrum more efficiently than other technologies, creating more space to carry data traffic and services and to deliver a better overall network experience. This is particularly important in San Francisco because of the likely high penetration of the new 4G LTE iPad and other LTE devices.

Exhibit 5 is a map that depicts 4G LTE service in the area surrounding the Property, and it shows a significant 4G LTE service gap in the area. After the upgrades, Exhibit 6 shows that 4G LTE service is available both indoors and outdoors in the targeted service area. This is important in part because as existing customers migrate to 4G LTE, the LTE technology will provide the added benefit of reducing 3G data traffic, which currently contributes to the significant service coverage gap on the UMTS (3G) network during peak usage periods as shown in Exhibit 2.

In order to close the 4G LTE service coverage gap shown in Exhibit 5 and provide the benefits associated with 4G LTE personal wireless service, it is necessary to include 4G LTE-specific antennas to the proposed site. Exhibit 6 shows that the work subject to this application closes the gap.

I have a Master's degree in Business Administration, a Bachelor's degree in Electrical Engineering and an Associate's degree in Electronic Communication Technology. I have worked as an engineering expert in the Wireless Communications Industry for over 20 years.

Michael Caniglia

15 April 2014

EXHIBIT 1

Prepared by AT&T Mobility

AT&T's digital wireless technology converts voice or data signals into a stream of digits to allow a single radio channel to carry multiple simultaneous signal transmissions. This technology allows AT&T to offer services such as secured transmissions and enhanced voice, high-speed data, texting, video conferencing, paging and imaging capabilities, as well as voicemail, visual voicemail, call forwarding and call waiting that are unavailable in analog-based systems. With consumers' strong adoption of smartphones, customers now have access thousands of wireless broadband applications, which consumers utilize at a growing number.

AT&T customers are using these applications in a manner that has caused a ***30,000% increase in mobile data usage on AT&T's network since 2007.*** AT&T expects total mobile data volume to ***grow 8x-10x over the next five years***. To put this estimate in perspective, all of AT&T Mobility's mobile traffic during 2010 would be equal to only six or seven weeks of mobile traffic volume in 2015. The FCC stated that U.S. mobile data traffic grew almost 300% in 2011, and driven by 4G LTE smartphones and tablets, traffic is projected to grow an additional 16-fold by 2016.

Mobile devices using AT&T's technology transmit a radio signal to antennas mounted on a tower, pole, building, or other structure. The antenna feeds the signal to electronic devices housed in a small equipment cabinet, or base station. The base station is connected by microwave, fiber optic cable, or ordinary copper telephone wire to the Radio Network Controller, subsequently routing the calls and data throughout the world.

The operation of AT&T's wireless network depends upon a network of wireless communications facilities. The range between wireless facilities varies based on a number of factors including topographical challenges, blockage from buildings, trees, and other obstructions as well as the limited capacity of existing facilities.

To provide effective, reliable, and uninterrupted service to AT&T customers in their cars, public transportation, home, and office, without interruption or lack of access, coverage must overlap in a grid pattern resembling a honeycomb.

In the event that AT&T is unable to construct or upgrade a wireless communications facility within a specific geographic area, so that each site's coverage reliably overlaps with at least one adjacent facility, AT&T will not be able to provide consistent service quality to its customers within that area. Some consumers will experience an abrupt loss of service. Others will be unable to obtain reliable service, particularly during periods of high usage.

Consumers may also experience service coverage gaps in situations where coverage overlaps and AT&T's outdoor signal strength is strong. Even in these areas AT&T can experience significant service coverage gaps, especially in its 3G network due to high "noise" level and for vehicular traffic or indoors where more and more users are finding cellular service a necessity. The following paragraphs provide a simplified explanation of why these service coverage gaps exist even though signal strength may appear strong.

AT&T operates a 3G network within San Francisco. 3G means that the mobile telecommunications network can achieve specific benchmark data rates. In AT&T's 3G network, every mobile transmitter shares the same frequency with other mobile transmitters; likewise, every base transmitter shares the same frequency with other base transmitters. Under

normal circumstances, this means mobile transmitters would interfere with each other and base transmitters would interfere with other base transmitters. CDMA (code division multiple access) technology used in AT&T's 3G network, however, gives individual receivers the ability to distinguish each transmitter from every other transmitter. Put differently, CDMA is analogous to people speaking the same language being able to communicate and understand each other, but other languages are perceived as noise and rejected. This ability to discriminate based upon different "codes" breaks down, and where it breaks down it create gaps in service coverage, even when the network has been perfectly optimized and signal strength may otherwise appear strong. This problem generally occurs in the following three general scenarios:

Scenario 1: There is a gap in coverage when several transmitters can be received at roughly equal signal levels. This might occur when the receiver is equidistant from multiple transmitters and no one transmitter predominates; this is much more likely to occur, based upon geometry, when the receiver is relatively far from all of the transmitters.

Scenario 2: There is a gap in coverage when many users are utilizing the same cell site transmitter. In this scenario each user generates interference to every other user on the shared channel. In order to minimize this self-generated interference, the users that are furthest from the site are prevented from using the channel. In essence, the coverage from this particular cell shrinks as usage increases.

Scenario 3: No signals can reach the receiver at sufficient strength to be decoded. This is the classical signal coverage scenario that plagues all forms of communication and is generally what is indicated when your phone shows zero bars.

Service problems caused by any of the scenarios above can and do occur for customers even in locations where the coverage maps on AT&T's "Coverage Viewer" website appear to indicate that coverage is available. As the legend to the Coverage Viewer maps indicates, these maps depict an *approximation* of coverage; *actual* coverage in an area may differ substantially from map graphics, and may be affected by such things as terrain, foliage, buildings and other construction, motion, customer equipment, and network traffic.

It is also important to note that the signal losses and service problems described above can and do occur for customers even at times when certain other customers in the same vicinity may be able to initiate and complete calls on AT&T's network (or other networks) on their wireless phones. These problems also can and do occur even when certain customers' wireless phones indicate "all bars" of signal strength on the handset.

The bars of signal strength that individual customers can see on their wireless phones are an imprecise and slow-to-update estimate of service quality. In other words, a customer's wireless phone can show "four bars" of signal strength, but that customer can still, at times, be unable to initiate voice calls, complete calls, or download data reliably and without service interruptions. Scenarios 1 and 2 above cause this result.

The reason that raw outdoor signal strength numbers can be an inadequate measurement of wireless service quality (and thus not be reflective of actual "gaps" in wireless service quality) is that these measurements do not reflect the degradation in the quality of the signal as determined by the Signal-to-Noise ratio in the area at various times of day (during periods of greater usage, like in scenario 2 above). While signal strength is an important factor, so is noise, and the more noise that is present in a given vicinity at a particular time of day, the more likely

the connections will be unreliable. Signal-to-Noise is a key quality parameter used to determine where service gaps are likely to appear.

To determine where new or upgraded telecommunications facilities need to be located for the provision of reliable service in any area, AT&T's radio frequency engineers rely on far more complete tools and data sources than just signal strength from individual phones. AT&T creates maps incorporating signal and noise information that, in turn, depict existing service coverage and service coverage gaps in a given area.

The service coverage gap is caused in part by a high demand for voice and data service being requested in the coverage area, similar to scenario 2 above, and the insufficient resources to handle the requests; this may be defined as a capacity constraint. The high demand for services causes increased "noise" on each frequency, much like having more individuals all talking at the same time in a room causes more "noise" that makes it harder to hear. In the case of the room full of people analogy, picture a void being created as people crowd closer and closer to each other in order to be able to hear. This natural contraction of crowds of people results in open spaces in the room; if these spaces are partitioned off, then people will have new defined spaces within which they can hold conversations.

During peak usage times, this capacity constraint can degrade the quality of both voice and data services provided to customers in this area, and can reduce services in the pink and yellow shaded cross-hatched areas as shown on the attached map in Exhibit 2.

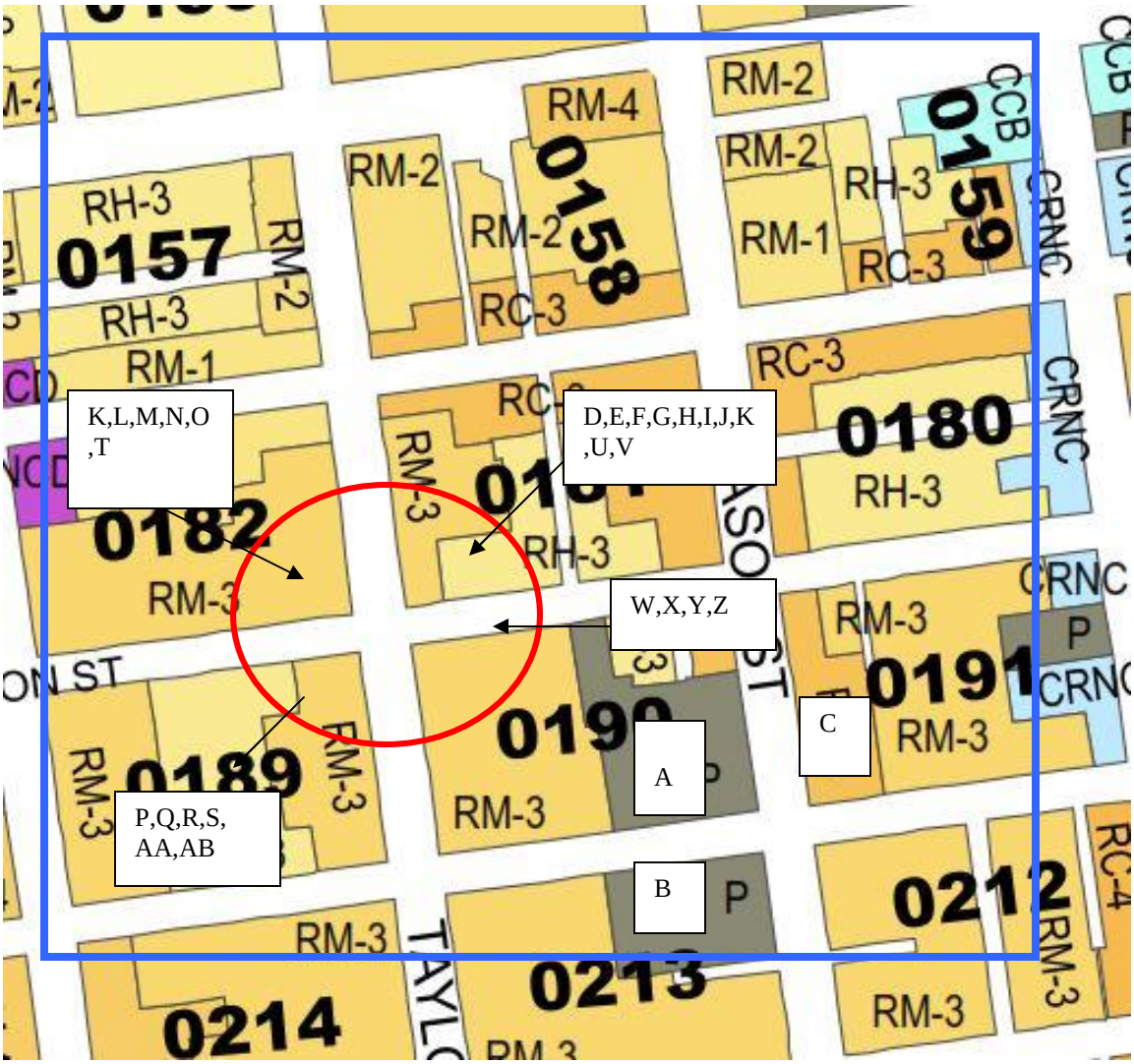
The restriction of the site's service coverage area occurs during high usage periods because, during those times, many users are utilizing the same existing cell site transmitter. In this scenario each user generates interference to every other user on the shared channel. In order

to minimize this self-generated interference, the users that are furthest from the existing site are prevented from using the channel. In essence, the coverage from this particular site shrinks as usage increases. As set forth in Exhibit 2, this has caused a significant service coverage gap in AT&T's network.

To rectify this significant gap in its service coverage, AT&T needs to locate a wireless facility in the immediate vicinity of the Property. To continue the analogy above, AT&T must utilize the voids or “gaps” that occur in the crowded room to create new spaces and redistribute the people in the room so that more people can carry on intelligible conversations.

Alternative Locations Evaluated

In order to achieve the service goals as previously defined, AT&T network engineers considered site locations in the area defined by the search ring in the previously attached Service Improvement Objective map. Above is a list of alternative sites that were evaluated by the AT&T Mobility network engineers and site acquisition team.



Alternative Site Locations Summary

	Location	Block / Lot	Zoning District	Building Type	WTS Siting Preference
A	1201 Mason St	0190/005	P	Cable Car Museum	1
B	1199 Mason St	0123/001	P	Chinese Recreation Center	1
C	1204 Mason St	0192/016	RC-3	Chinese Health Coalition	4
D	1050-1054 Jackson	0181/014	RH-3	Residential	7
E	1060-1062 Jackson	0181/015	RH-3	Residential	7
F	1064-1068 Jackson	0181/017	RH-3	Residential	7
G	1070-1074 Jackson	0181/018	RH-3	Residential	7
H	1076-1080 Jackson	0181/019	RH-3	Residential	7
I	1082-1086 Jackson	0181/020	RH-3	Residential	7
J	1090 Jackson	0181/021	RH-3	Residential	7
K	1100 Jackson	0182/036	RM-3	Residential	7
L	1110 Jackson St	0182/037	RM-3	Residential	7
M	1120-1126 Jackson St	0182/008	RM-3	Residential	7
N	1134 Jackson St	0182/009	RM-3	Residential	7
O	1142 Jackson	0182/010	RM-3	Residential	7
P	1143-1145 Jackson	0182/048-049	RH-3	Residential	7
Q	1135-1139 Jackson	0189/019D	RH-3	Residential	7
R	1129-1133 Jackson	0189/020	RH-3	Residential	7
S	1365 Taylor	0189/001	RM-3	Residential	7
T	1425 Taylor	0182/006	RM-3	Residential	7
U	1434-1436Taylor	0181/055 056	RM-3	Residential	7

	St				
V	1426 Taylor	0181/049-054	RM-3	Residential	7
W	1360-1390 Taylor	0190/016	RM-3	Residential	7
X	1340 Taylor	0190/015	RM-3	Residential	7
Y	1326-1330 Taylor	0190/014	RM-3	Residential	7
Z	1329 Taylor	0189/003	RM-3	Residential	7
AA	1345 Taylor	0189/002	RM-3	Residential	7

A. Locating a site and evaluation of alternative sites

AT&T real estate and construction experts work through Section 8.1 of the WTS Facilities Siting Guidelines, which state the "Preferred Locations Within A Particular Service Area." The team examines preferred locations (most desirable to least desirable under Section 8.1) until a location is found to close the significant service coverage gap.

Once a location is identified, the team confirms that the site is (1) serviceable (it has sufficient electrical power and telephone service as well as adequate space for equipment cabinets, antennas, construction, and maintenance) and (2) meets necessary structural and architectural requirements (the existing structure is not only sturdy enough to handle the equipment without excessive modification but also that the antennas may be mounted in such a way that they can meet the dual objective of not being obstructed while also being visually obscured or aesthetically unobtrusive).

The following represents the results of this investigation, and the team's analysis of each alternative location:

1. Publicly-used structures:

Alternate Location Site Location A
1201 Mason Street

The Cable Car Museum located at 1201 Mason Street is located within the P (Public) zoning district, a Preference 1 location according to the WTS Guidelines. The museum is listed as a known historic resource and a national historic landmark. AT&T pursued this site as a possible candidate, designed the site and submitted a conditional use application with the city in 2011. However after several attempts to design a site suitable for this building, it was determined that an appropriate design could not be met that complied with the City's direction. For these reasons, it was

determined that this location was not a feasible alternative.

Alternative Site Location B
1199 Mason St

The site at 1199 Mason Street is the newly renovated Chinese Recreation Center. At this time the San Francisco Parks and Recreation Department is not interested in leasing space to AT&T. Therefore, it was determined that this location was not a feasible alternative.

2. Co-Location Site: There are no Co-Location sites in the target area.

3. Industrial or Commercial Structures: There are no wholly industrial or commercial structures in the target area.

4. Industrial or Commercial Structures:

Alternative Site Location C
1204 Mason St

The site at 1204 Mason Street is the NICOS Chinese Health Coalition within the RC-3 Residential Commercial zoning district a Preference 4 Location according to the WTS Guidelines. AT&T pursued this site as a possible candidate, however after thorough structural investigation it was determined that the proposed equipment was not structurally feasible for this site. For these reasons, it was determined that this location was not a feasible alternative. For these reasons, it was determined that this location was not a feasible alternative.

5. Mixed Use Buildings in High Density Districts: There are no mixed used buildings in high density structures in the target area.

6. There were no Limited Preference sites in target area.

7. Disfavored Sites

Alternative Site location D
1050-1054 Jackson St

The building at 1050-1054 Jackson St is a wholly residential apartment building located within the RH-3 (Residential – House, Three Family) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The three story building is too low and is blocked by the adjacent buildings to the west as well as being located along Jackson that slopes downward. It does not have line-of-sight for the signal to the west and north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location E
1060-1062 Jackson St

The building at 1060-1062 Jackson St is a wholly residential apartment building located within the RH-3 (Residential – House, Three Family) zoning district, a

Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The three story building is too low and is blocked by the adjacent buildings to the west as well as being located along Jackson that slopes downward. It does not have line-of-sight for the signals to the west and north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location F

1064-1068 Jackson

The building at 1064-1068 Jackson St is a wholly residential apartment building located within the RH-3 (Residential – House, Three Family) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The three story building is too low and is blocked by the adjacent buildings to the west as well as being located along Jackson that slopes downward. It does not have line-of-sight for the signals to the west and north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location G
1070-1074 Jackson St

The building at 1070-1074 Jackson St is a wholly residential apartment building located within the RH-3 (Residential – House, Three Family) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The three story building is too low and is blocked by the adjacent buildings to the west as well as being located along Jackson that slopes downward. It does not have line-of-sight for the signals to the west and north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location H
1076-1080 Jackson St

The building at 1076-1080 Jackson St is a wholly residential apartment building located within the RH-3 (Residential – House, Three Family) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The three story building is too low and is blocked by the adjacent buildings to the west as well as being located along Jackson that slopes downward. It does not have line-of-sight for the signals to the west and north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location I
1082-1086 Jackson St

The building at 1082-1086 Jackson St is a wholly residential apartment building located within the RH-3 (Residential – House, Three Family) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The three story building is too low and is blocked by the adjacent buildings to the west as well as being located along Jackson that slopes downward. It does not have line-of-sight for the signals to the west and north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location J
1090 Jackson St

The building at 1090 Jackson St is a wholly residential apartment building located within the RH-3 (Residential – House, Three Family) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The three story building is blocked by the adjacent building (1420 Taylor) . It does not have line-of-sight for the signals to the north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location K
1100 Jackson St

The building at 1100 Jackson St is a wholly residential apartment building located within the RM-3 (Residential – Mixed Medium Density) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The five story building is blocked by the adjacent building (1425 Taylor) . It does not have line-of-sight for the signals to the north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location L
1110 Jackson St

The building at 1110 Jackson St is a wholly residential apartment building located within the RM-3 (Residential – Mixed Medium Density) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The four story building is blocked by the adjacent buildings (1425 Taylor and 1120-1126 Jackson) . It does not have line-of-sight for the signals to the north and west. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location M
1120-1126 Jackson St

The building at 1120-1126 Jackson St is a wholly residential apartment building located within the RM-3 (Residential – Mixed Medium Density) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The four story building is blocked by the adjacent buildings (1134 Jackson and 1425 Taylor) . It does not have line-of-sight for the signals to the north and west. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location N
1134 Jackson St

The building at 1134 Jackson St is a wholly residential apartment building located within the RM-3 (Residential – Mixed Medium Density) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The four story

building is blocked by the adjacent buildings (1142 Jackson and 1425 Taylor) . It does not have line-of-sight for the signals to the north and west. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location O
1142 Jackson St

The building at 1142 Jackson St is a wholly residential apartment building located within the zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The four story building is blocked by 1425 Taylor . It does not have line-of-sight for the signals to the north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location P
1143-1145 Jackson St

The building at 1143-1145 Jackson St is a wholly residential apartment building located within the RM-3 (Residential – Mixed Medium Density) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The three story building is blocked by 1149 Jackson and the buildings to the north . It does not have line-of-sight for the signals to the west and north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location Q
1135-1139 Jackson St

The building at 1135-1139 Jackson St is a wholly residential apartment building located within the RH-3 (Residential – House, Three Family) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T

Mobility's service objective, line-of-sight to the defined service area is required. The three story building is blocked by buildings on either side. It does not have line-of-sight for the signals to the west and north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location R
1129-1133 Jackson St

The building at 1129-1133 Jackson St is a wholly residential apartment building located within the RH-3 (Residential – House, Three Family) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The four story building is blocked by 1429 Jackson. It does not have line-of-sight for the signals to the west. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location S
1365 Taylor St

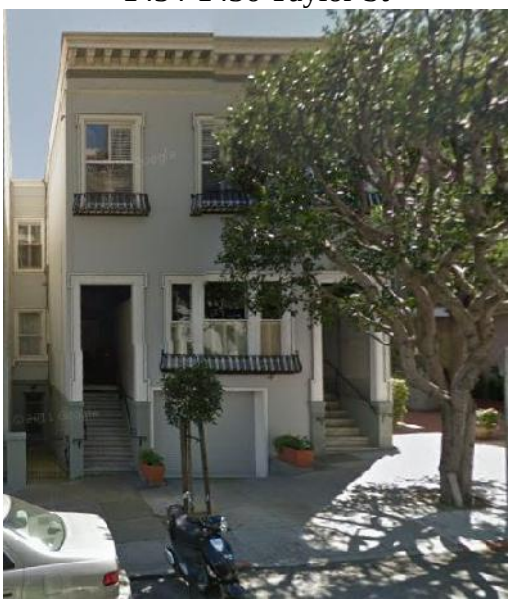
The building at 1365 Taylor St is a wholly residential apartment building located within the RH-3 (Residential – House, Three Family) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The five story building is blocked by the adjacent building to the west. It does not have line-of-sight for the signals to the south west. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location T
1425 Taylor St

The building at 1425 Taylor St is a wholly residential apartment building located within the RM-3 (Residential – Residential Mixed Medium Density) zoning district,

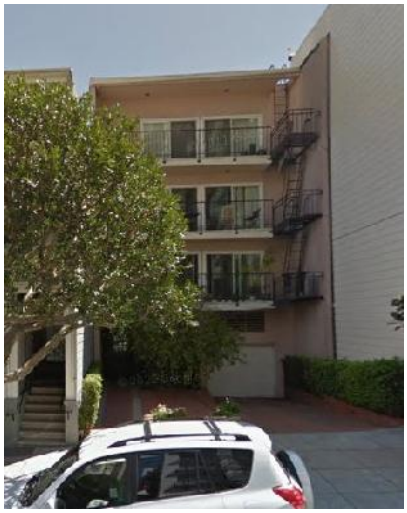
a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The seven story building has a fire escape which would restrict the line-of-sight for the signal to the southeast. Therefore,it was determined that this was not a feasible candidate.

Alternative Site Location U
1434-1436 Taylor St



The building at 1434-1436 Taylor St is a wholly residential apartment building located within the RM-3 (Residential-Mixed Density) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The two story building is blocked by the adjacent buildings. It does not have line-of-sight for the signals to the west and the north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site location V
1426 Taylor St

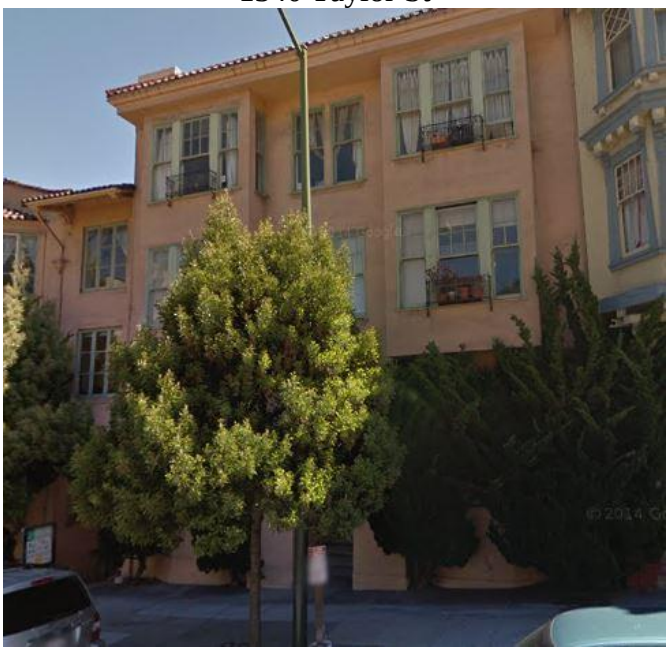


The building at 1426 Taylor St is a wholly residential apartment building located within the RM-3 (Residential-Mixed Density) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The three story building is blocked by the adjacent buildings. It does not have line-of-sight for the signals to the west and the north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site location W
1360-1390 Taylor St

The building at 1360-1390 Taylor St is a wholly residential apartment building located within the RH-3 (Residential – House, Three Family) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The four story building is blocked by the adjacent building to the west. It does not have line-of-sight for the signals to the south west. Therefore,it was determined that this was not a feasible candidate.

Alternative Site location X
1340 Taylor St



The building at 1340Taylor St is a wholly residential apartment building located within the RM-3 (Residential Mixed Density) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The three story building is blocked by the adjacent buildings. It does not have line-of-sight for the signals to the west. Therefore,it was determined that this was not a feasible candidate.

Alternative Site location Y
1326-1330 Taylor St

The building at 1326-1330 Taylor St is a wholly residential apartment building located within the RM-3 (Residential Mixed Medium Density) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The three story building is blocked by the adjacent buildings. It does not have line-of-sight for the signals to the west and the north. Therefore,it was determined that this was not a feasible candidate.

Alternative Site location Z
1329 Taylor St

The building at 1329 Taylor St is a wholly residential apartment building located within the RM-3 (Residential Mixed Medium Density) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. There appears to be rooftop garden/ deck that would prohibit a suitable location for a wireless facility. Therefore,it was determined that this was not a feasible candidate.

Alternative Site location AA
1345 Taylor St

The building at 1345 Taylor St is a wholly residential apartment building located within the RM-3 (Residential Mixed Medium Density) zoning district, a Preference 7 Location according to the WTS Guidelines. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The three story building is blocked by the adjacent buildings. It does not have line-of-sight for the

signals to the west and the north. Therefore,it was determined that this was not a feasible candidate.

ERICSSON

June 18, 2014

Omar Masry
San Francisco Department of Planning
1650 Mission Street, 4th Floor
San Francisco, CA 94103

Re: Case No. 2014.0633C - Community Meeting for proposed AT&T Mobility facility at 1098 Jackson Street

Dear Mr. Masry:

On June 11, 2014 AT&T mobility held a community meeting regarding the proposed wireless facility at 1098 Jackson Street. The attached notification announced the community presentation was to be held at the Helen Wills Playground. Notice of the meeting was mailed out on May 26, 2014 to 1,504 owners and tenants within 500 feet of the proposed installation and eight neighborhood organizations.

I conducted the meeting on behalf of AT&T Mobility as the project sponsor along with Boe Hayward, AT&T Public External Affairs as well as Stan Starkiskov with BergDavis Public Affairs. Neil Olaij, a professional licensed engineer with Hammett and Edison was there to answer any questions regarding the EMF emissions from the proposed wireless facility. There were nine members of the community who attended the meeting. The project details were presented to the community members along with where the project is currently at with the city planning process. Several community members had specific questions in regards to the EMF emissions, site selection and other existing sites in the area. All questions were satisfactorily answered by Talin, Boe and Neil. They provided their contact information to all the meeting attendee's, so that they could contact them.

The following is a summary of additional questions posed by the community members:

- What is the FCC standard and how does it compare to the European countries?
- Will the antennas both transmit and receive data?
- Why this site location, and did AT&T approach the landlord or did the landlord approach AT&T?
- Are these applications always approved by the City?
- Why are antennas allowed on residential buildings, and why is it categorized as a Preference Level 7 site?

- How does RF travel through different building materials (wood, brick, metal, etc.)?
- Does AT&T subsequently monitor antennas and perform site visits to ensure FCC compliance?
- Isn't it healthier to be away from all/any wireless devices?
- Did AT&T consider the Cable Car Museum and the recreational center as a site?

If you have any questions, please contact me.

Sincerely,

Talin Aghazarian
Ericsson, Inc.
6140 Stoneridge Mall Road, Suite 365
Pleasanton, CA 94588, US
Mobile (510) 206-1674

NOTICE OF COMMUNITY OUTREACH MEETING ON A WIRELESS COMMUNICATION FACILITY PROPOSED IN YOUR NEIGHBORHOOD

To: Neighborhood Groups and Neighbors & Owners within a 500' radius of 1098 Jackson Street (also listed as 1410 and 1414 Taylor Street)

Meeting Information
Date: **Wednesday June 11, 2014**
Time: **6:00 PM-7:30 PM**

Where: Helen Wills Playground
The Field Room
1965 Larkin St.
San Francisco, CA 94109

Site Information
Address: 1098 Jackson Street (1410 and 1414 Taylor Street)
RM-3 Residential Mixed-Medium Density
Applicant
AT&T Mobility

Contact Information
AT&T Mobility Hotline
(415) 646-0972

AT&T Mobility is proposing to install a wireless communication facility at 1098 Jackson Street (also listed as 1410 and 1414 Taylor Street) needed by AT&T Mobility as part of its San Francisco wireless network. The proposed site is an unmanned facility consisting of the installation of six (6) panel antennas. The antennas will be mounted on the roof. The associated equipment will also be located in the basement of the building. Plans and photo simulations will be available for your review at the meeting. You are invited to attend an informational community meeting located at the Helen Wills Playground Field Room to learn more about the project.

If you have any questions regarding the proposal and are unable to attend the meeting, please contact the AT&T Mobility Hotline at (415) 646-0972 and an AT&T Mobility specialist will return your call. Please contact Omar Masry with the San Francisco Planning Department at (415)575-9116, omar.masry@sfgov.org if you have any questions regarding the planning process.

NOTE: If you require an interpreter to be present at the meeting, please contact our office at (415) 646-0972 no later than 5:00pm on Friday June 6, 2014 and we will make every effort to provide you with an interpreter.

NOTIFICACIÓN DE REUNIÓN DE ALCANCE COMUNITARIO SOBRE UNA INSTALACIÓN DE COMUNICACIONES INALÁMBRICAS PROPUESTA EN SU VECINDARIO

Para: Grupos del vecindario y vecinos y propietarios dentro de un radio de 500' de 1098 Jackson Street (que también figura como 1410 y 1414 Taylor Street)

Información de la reunión
Fecha: **Miércoles 11 de junio de 2014**
Hora: **6:00 PM-7:30 PM**

Dónde: Helen Wills Playground
Salón de campo
1965 Larkin St.
San Francisco, CA 94109

Información del lugar
Dirección: 1098 Jackson Street (1410 y 1414 Taylor Street)
RM-3 Residential Mixed Medium Density
Solicitante
AT&T Mobility

Información de contacto
Línea directa de AT&T Mobility
(415) 646-0972

AT&T Mobility propone colocar una instalación de comunicaciones inalámbricas en 1098 Jackson Street (que también figura como 1410 y 1414 Taylor Street), necesaria para AT&T Mobility como parte de su red inalámbrica en San Francisco. La ubicación propuesta es una instalación sin personal que consiste en la instalación de seis (6) antenas panel. Las antenas se montarán en el techo. El equipamiento asociado se ubicará también en el sótano del edificio. Habrá planos y fotos disponibles para que usted los revise en la reunión. Está invitado a asistir a una reunión comunitaria informativa que tendrá lugar en el Salón de Campo del Helen Wills Playground para obtener más información sobre el proyecto.

Si tiene preguntas relacionadas con la propuesta y no puede asistir a la reunión, por favor llame a la Línea Directa de AT&T Mobility, (415) 646-0972, y un especialista de AT&T Mobility le devolverá el llamado. Por favor, contacte a Omar Masry del Departamento de Planificación de San Francisco al (415) 575-9116, omar.masry@sfgov.org si tiene alguna pregunta relacionada con el proceso de planificación.

NOTA: Si necesita que un intérprete esté presente en la reunión, por favor contacte a nuestra oficina llamando al (415) 646-0972 hasta el viernes 6 de junio de 2014 antes de las 5:00 p.m., y haremos todo lo posible para proporcionarle un intérprete.

關於計畫在您所在街區安裝一座無線通信設施的社區資訊通報會通知

致：Jackson 街 1098 號(1098 Jackson Street) 周圍五百英尺內的居民組織、居民和業主（也稱作 Taylor 街 1410 號和 1414 號）

會議資訊
日期： **2014 年** 6 月 11 日（星期三）
時間： 下午 6:00-7:30

地點： Helen Wills Playground
The Field Room
1965 Larkin Street
San Francisco, CA 94109

設施地點資訊
地址： Jackson 街 1098 號(1410 and 1414 Taylor street)
RM-3-混合民居，中密度

申請公司
AT&T Mobility

聯繫資訊
AT&T Mobility 公司熱線電話 (415) 646-0972

AT&T Mobility 公司計畫在 **Jackson 街 1098 號**（也稱作 Taylor 街 1410 號和 1414 號）安裝一座無線通訊設施，作為 AT&T Mobility 公司在三藩市無線網路的一部分。計畫中的場地為無人操作設施，需要在現有混用建築物的屋頂安裝六(6) 根平板天線。這些天線將安裝在屋頂上。相關設備也將安放在建築物的地下室裡。我們在會上將提供計畫書和類比圖片供您參考。我們誠邀您參加在 Helen Wills Playground Field Room 召開的社區資訊通報會，以便您瞭解有關本專案的更多資訊。

如果您對該計畫有任何疑問，但是無法出席這次會議，請撥打AT&T Mobility 公司熱線電話(415) 646-0972，AT&T Mobility公司的一位專業人員將會回復您的電話。如果您對規劃流程有任何疑問，請撥打電話(415)575-9116联系三藩市规划厅的 Omar Masry，電子郵件是omar.masry@sfgov.org。

注意：如果您需要一名翻譯陪同您出席會議，請在不晚於 2014 年 6 月 6 日（星期五）下午 5 點前致電 (415) 646-0972 與本辦公室聯繫，我們將盡力為您配備一名翻譯。

1098 Jackson Street WIRELESS MEETING

June 11, 2014

(at the Helen Wills Playground)

NAME	ADDRESS	PHONE	EMAIL
CMcGee	1142 JACKSON ST	571-244-0835	CAROLYN.MAIRIXX@gmail.com
D Bogan	1142 Jackson	703-217-1598	denis_bogan@yahoo.com
KEN KAISERMAN	1410 Taylor #5	415 ~~346 714~~ -	
KHarless	1420 Taylor	297-8284	KAKAISER2 AT1.NET
CHI H L CHANG	1100 Jackson St		
YE SOON LIANG	1100 Jackson St.	(415) 441-1705	
JENNY L CHEUNG	1355 TAYLOR ST #D	415-292-6710	

R Squared Investments

Ari Redstone
R Squared Investments
PO Box 543
Corte Madera, CA 94976
redstonesqr@gmail.com

Tuesday, September 2, 2014

Mr. Omar Masry
San Francisco Planning Department
1650 Mission Street, 4th Floor
San Francisco, CA 94103

RE: 1098 Jackson Street – Installation of WTS Facility

Mr. Masry:

My name is Ari Redstone and I represent the ownership of 1420 Taylor Street – the apartment building located directly adjacent to 1098 Jackson Street. I am writing to express my opposition to the WTS facility proposed for 1098 Jackson Street. I support the city government's and the private sector's objective of constantly improving San Francisco's telecommunications infrastructure; however, I oppose this particular installation for the following reasons:

1. Safety – Per the "Radio Frequency Safety Study", Section 8 on page 2 of 4, the report notes that, "The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 68 feet out from the antenna faces and to much lesser distances above, below, and to the sides; this includes areas of the roof of the building, but does not reach any publicly accessible areas".
    a. Per the provided plans (A-1, Site Plan, dated 6/20/14), the AT&T sector A antennas are located 7 feet from the edge of the north side of the roof.
    b. The southern edge of 1420 Taylor's roof is approximately 8 feet from the edge of 1098 Jackson's northern roof line.
    c. 1420 Taylor's roof is approximately 28 feet wide.
    d. According to the provided plans, the orientation of the "A" antennas (330 degrees, with 6 degree downtilt, the proximity of the antennas to 1420 Taylor Street, and the Radio Frequency Safety Study, all of 1420 Taylor Street's roof will sit in the public exposure limit (see Exhibit 1).
    e. Our tenants are not permitted roof access; however, there is evidence that people use their secondary stairs to visit the roof despite the rules.
    f. The onsite manager, the maintenance team, and I routinely go to the roof to inspect for leaks and conduct maintenance.

g. Since January 2014, the ownership has been assessing the possibility of installing a roof deck (see Exhibit 2) that would be situated on the west end of the roof – directly in line with the faces of the sector "A" antennas. Provided the public exposure limit, we will not be able to build the roof deck if this conditional use permit is approved – a secondary issue that affects property rights and value.

2. Disfavored Site – 1098 Jackson is a Preference 7 (disfavored) location according to the WTS Guidelines. In Section V of the "Application Packet" there are 24 "Preference 7" candidates, all of which were dismissed due to "line-of-sight" issues. From the vantage point of 1420 Taylor's roof, 1098 Jackson appears to also suffer from line-of-sight challenges, especially to the west. For example, 1425 Taylor completely blocks the line-of-sight for the sector "A" antennas.

3. Design Elements – I oppose the proposed design based on the following factors:

   a. Height of the Array: The application shows that the height of the building is 37' and the top of the antenna array is 46.5' –therefore, the antenna array will stand approximately 9.5' tall over the existing roofline.
   b. Vent Pipes: The proposed vent pipes are 16'' and the project will require six new vent pipes in total.
   c. Material New Addition: Considering the quantity, height, and diameter of the vent pipes, they represent a material visual and structural addition to the existing roof of 1098 Jackson and to the Nob Hill neighborhood. This addition is out of character with the existing improvements and would be highly visible as one approaches the building from the west on Jackson Street.

4. Remaining Questions – Among others, my biggest outstanding question is why 1420 Taylor Street, which is located adjacent to 1098 Jackson/1410 Taylor is not discussed whatsoever in the application. 1420 Taylor has 14 units, some of which are located less than ten feet from the proposed "A" antenna array. The safety of these tenants needs to be addressed.

5. Existing Service – The areas around 1098 Jackson currently benefit from 4G LTE service from AT&T (see Exhibit 3-picture taken in front of 1410 Taylor address). The disapproval of this particular site will not prevent AT&T subscribers from having 4G LTE service while another site is considered.

Thank you for hearing my concerns about this WTS installation. Again, I support the improvement of our city's telecom infrastructure and recognize that we need to always improve our systems to accommodate new technologies and stay competitive.

Thank you for your time,

Ari Redstone

Exhibit 1

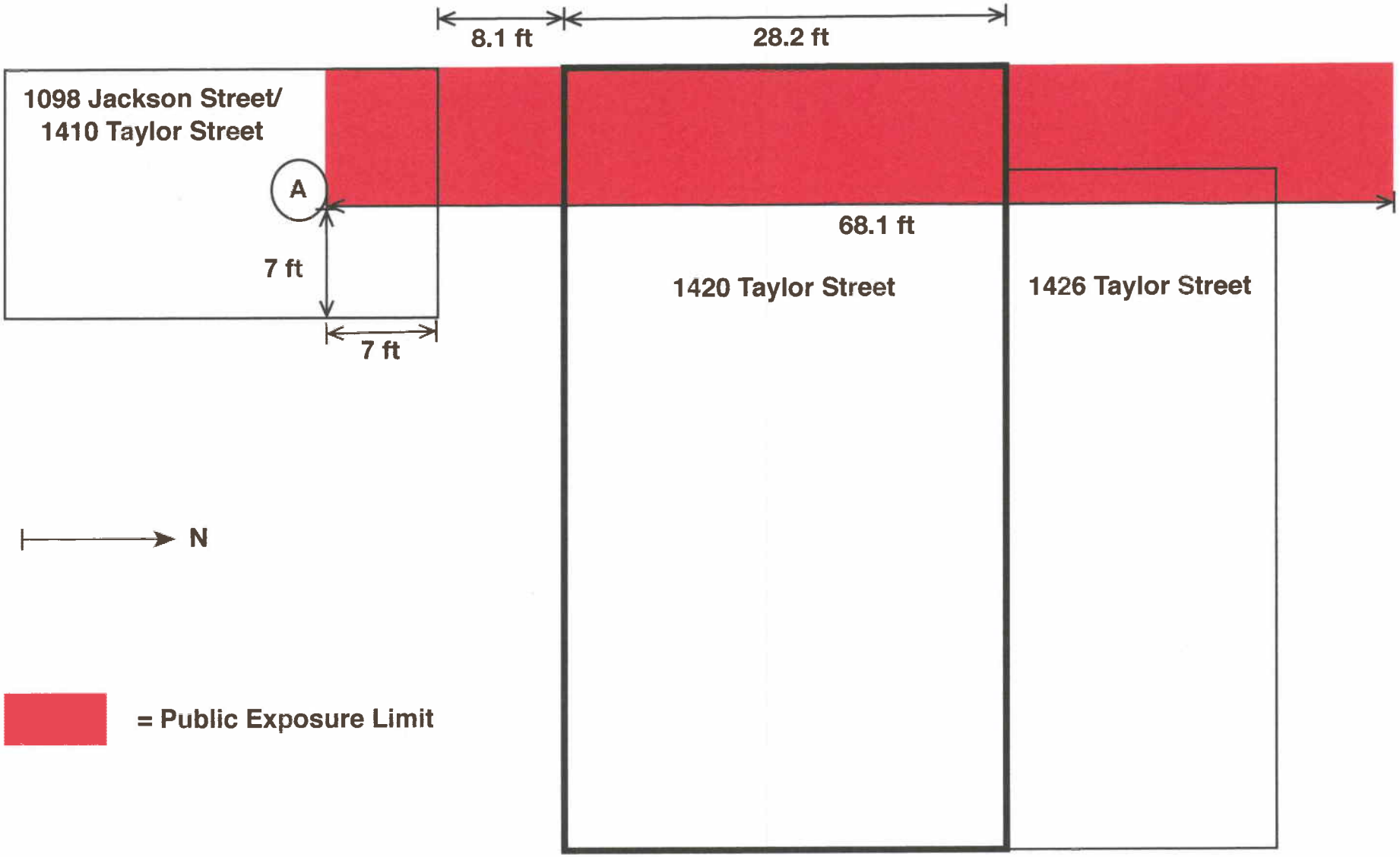
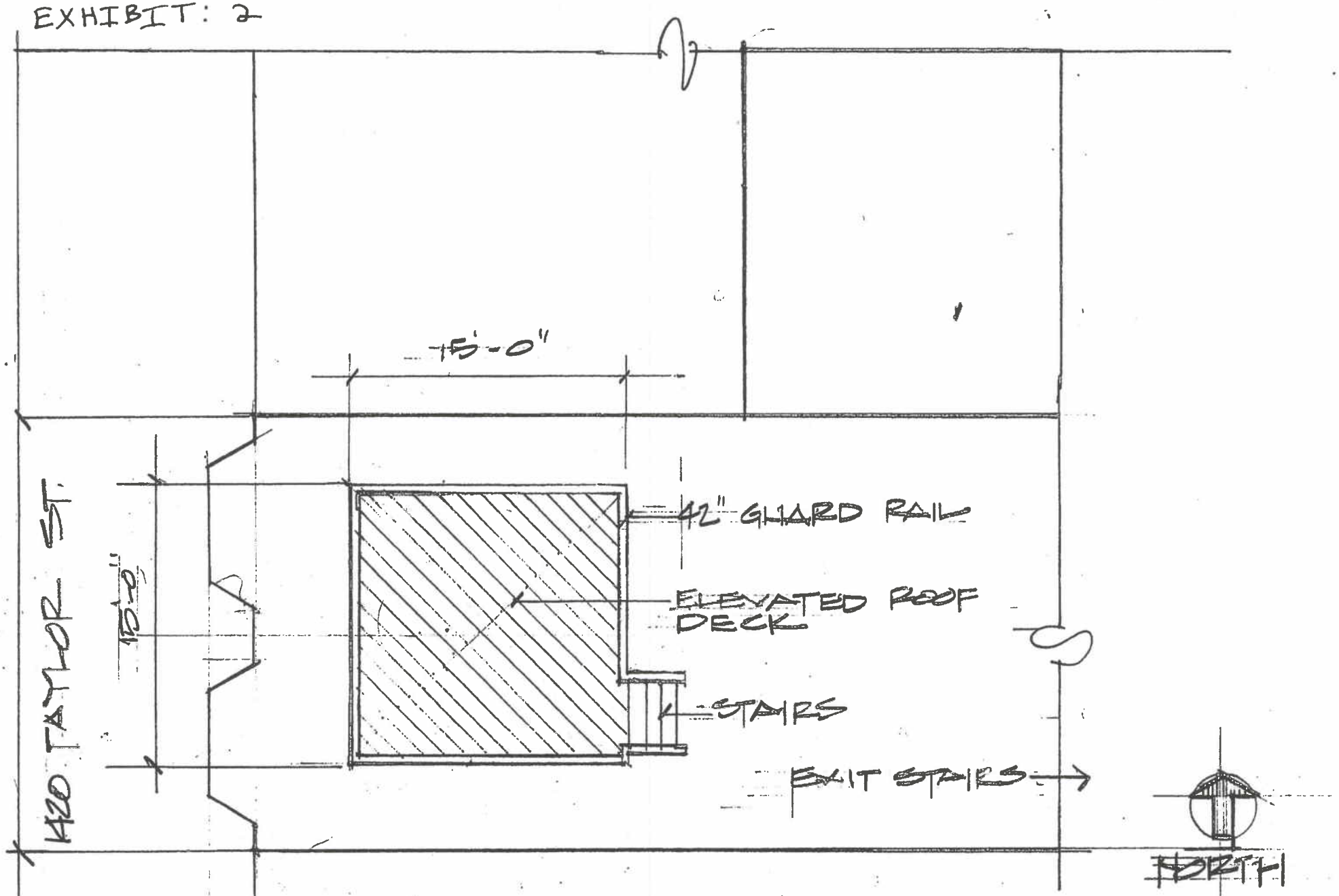

8.1 ft
28.2 ft
1098 Jackson Street/
1410 Taylor Street
A
7 ft
7 ft
68.1 ft
1420 Taylor Street
1426 Taylor Street
N
= Public Exposure Limit

EXHIBIT: 2

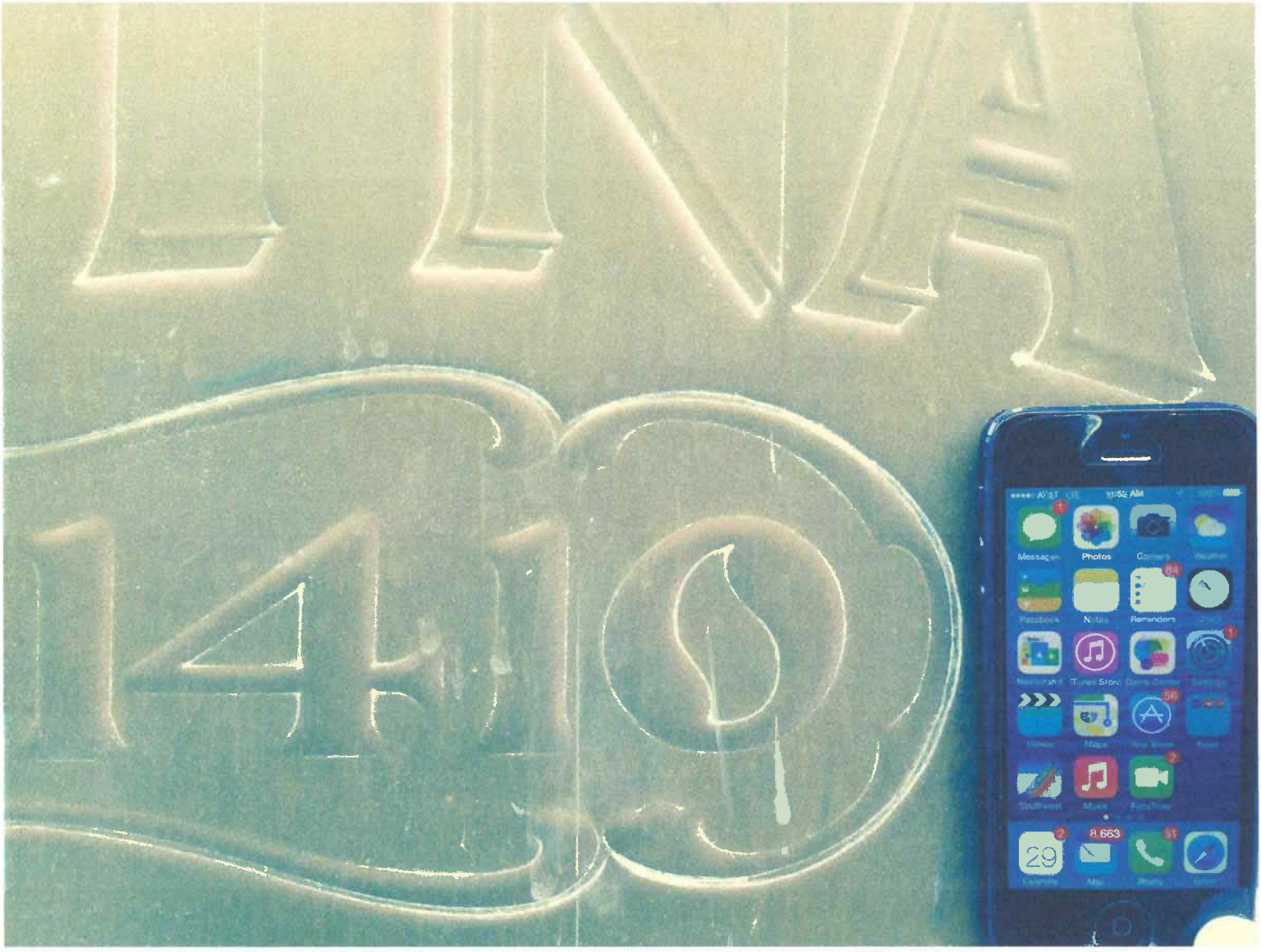


ROOF DECK PLAN - 420 TAYLOR ST.

~~SCALE~~ 1/8"=1'-0"

JAN, 2014

LINDA HALEY, ARCHITECT


LOVE
410

To the SF Planning Department

I am the building manager for one of the apartment buildings on Taylor St, San Francisco. My mother owns the building. I am against the proposed development of the AT&T macro wireless telecommunications facility to be erected at 1098 Jackson St, San Francisco.

As I use the top floor of my Taylor St building, my view of the Bay will be impaired. I would be able to see them every time I look out the window. These faux vent pipes that will house the antennas and the related equipment which will be located on the roof will not only interfere with my view of the Bay, but will also be an eyesore.

I am also worried about the cumulative exposure to the radio frequency radiation for myself, the people who live around the neighborhood, and the workers that work there. One of the renters in my building works near that corner.

This also does not follow the "Location Preferences" as outlined in the SF's Wireless Telecommunications Services Guidelines as this building is the most "disfavored" type of building for a wireless installation.

The small businesses that currently are located at that address may also be affected by your decision.

Please turn down this proposal as it is not in the best interest of the neighborhood.

RECEIVED
SEP 03 2014
CITY & COUNTY OF S.F.
PLANNING DEPARTMENT
RECEPTION DESK

San Francisco Planning Department
c/o Omar Masry
1650 Mission Street, Suite 400
San Francisco, CA 94103

Dear Commissioners Wu, Fong, Antonini, Johnson, Hillis, and Moore,

There is an application in progress to install a wireless facility on the roof (and in the basement) of 1410 Taylor Street/1098 Jackson. I live in the building next door. Aside from the fact that the building is a Disfavored Location per the Wireless Telecommunications Services Facilities Siting Guidelines, i.e., it's the least desirable type of building for a macro-cell site because it's in a densely-packed residential neighborhood, the facility would also be coming at the expense of the two small businesses housed in the building. Necessary basement space will be taken away from them to make room for the three huge equipment cabinets that support the antennas.

We care about Kay's Cleaners and Cafe Isabella and don't want them to be adversely affected by a huge wireless carrier, which I've heard already has sites in the neighborhood and more planned for the future. The proprietor of Kay's Cleaners has indicated that she might end up closing if the wireless facility is installed.

We don't want to lose these establishments and we don't want their ability to do business to be harmed in any way. These businesses are the heart of our neighborhood and they're being threatened. AT&T should find another location so that they can meet their customers' coverage needs, but not at the expense of a dry cleaner and coffee shop that are beloved and supported by the surrounding community.

The neighborhood cares about these small businesses - please deny the application so that AT&T can use a more appropriate building.

Thank you for your consideration.

Anna Challet

Dear Members of the SF Planning Commission:

I am a resident at 1420 Taylor St., directly adjacent to and abutting 1098 Jackson St., the proposed AT&T Mobility macro WTS site.

I have real objections to the placement of this equipment at this location.

According to the S.F. Planning Commission itself, this building is considered a DISFAVORED LOCATION.

Café Isabella and Kay's Cleaners are small, neighborhood businesses located in the building at 1098 Jackson St. They serve as a focal-point for our extended community. These businesses are the critical hub that is so treasured in San Francisco neighborhoods. They form the character that describes the joy of living in San Francisco.

They will be directly impacted by the loss of very precious work and storage space, to accommodate AT&T's basement cabinets. They could be forced to close.

We go to Kay's Cleaners to get expert tailoring and alterations and to get our clothes dry-cleaned and laundered by Susan, the owner.
We go to Hilda's Café Isabella to meet our friends, to have a cup of coffee and a bagel.

This is where we meet our friends and neighbors.
It would be a loss to Taylor St., if either of the shops were forced to close.

Although RF Emissions comply with limits set by the FCC and are considered within *acceptable norms*, these people will be working in and around said emissions, six days a week and often as many as 11 hours per day. For persons or employees with health or neurological issues, their condition could be exacerbated by the RF Emissions.

I am an AT&T user, so I understand the need for better coverage, but I must object to this particular location. I request that AT&T try to find a less disruptive location.

Thank you for your attention and thoughtfulness in this matter.

Respectfully,

Curtiss Chan
1420 Taylor St. #4
San Francisco, CA 94133

Barbara Grob
1420 Taylor Street #5
San Francisco, CA 94133

August 28,2014

San Francisco Planning Department
c/o Omar Masry
1650 Misssion Street, Suite 400
San Francisco, CA 94103

Dear Commissioner Wu,

I am writing to oppose ATT planned wireless facility at 1410 Taylor Street. The installation will displace two small businesses in the area, Kay's Cleaners and the Café Isabella, both are dear to residents of Nob Hill.

Surely there is a more appropriate site for the ATT facility that will not displace needed services in the area. I hope you and your fellow Commissioners will do your best to relocate the ATT facility.

Sincerely,

Barbara Grob

Kirstie Harless
1420 Taylor Street Apt. 1
San Francisco, CA 94133

San Francisco Planning Commission, San Francisco Planning Department
c/o Omar Masry
1650 Mission Street Suite 400
San Francisco, CA 94103

Dear Commissioners:

I have not always lived on Nob Hill. I was born and raised in San Francisco and primarily raised in the Sunset District, in a multigenerational household, headed by my grandparents who immigrated from the Philippines to San Francisco in 1966. My grandparents were socially and politically active; among other things, fighting the evictions at the I-Hotel in the early 70s and giving voice to the Filipino elderly who lived in the South of Market. They taught me to fight against threats to the community which is why I am writing to you in opposition of the proposed AT&T installation next door at 1098 Jackson Street.

I have spent the entire summer poring over documents related to this project. It became immediately obvious that AT&T did not put a lot of effort and due diligence into this application. There are glaring typos and omissions from their application packet. For example, in one section they discussed a service coverage gap in an area bound by California, Laguna, Washington, and Franklin, a completely different neighborhood altogether. It appeared as if they were simply copying and pasting sections of other documents into this one. Also, the contextual photographs they provided are misleading: they did not show how close one adjacent building, 1420 Taylor, is to the roof of 1098 Jackson/1410 Taylor. The RF safety study is also misleading because it also does not mention the most adjacent inhabited building, 1420 Taylor, again, just a few feet away.

All I am asking is that AT&T install this facility at another location in the neighborhood. There are other higher preference sites in the immediate vicinity. I learned how to use the Property Information Database and I discovered that there a better zoned buildings nearby, including on Pacific between Taylor and Mason Streets. Even though this area is a half block away, AT&T did not include these sites in the alternate site analysis. It seems as though they are intent on using this particular location despite the fact that it's a disfavored location, and residential zoned building.

There are so many guidelines that this project is not in compliance with, including the WTS Guidelines, SF General Plan, the Planning Code Section 101.1, the Residential Design Guidelines, and the Historic Preservation Guidelines. Why do these guidelines exist if they just going to be ignored by the applicant?

Already this application has caused significant stress in this small community. Many residents at this intersection are worried about RF radiation, others oppose the aesthetic impact this will have on the building and neighborhood character (the visual change will not be minimal), and a huge number of residents I've talked to are upset that this project is threatening our neighborhood café and dry cleaner.

I urge you as our Planning Commissioners to ask AT&T to find a less intrusive site in the area.

Sincerely,

Kirstie Harless

San Francisco Planning Department
c/o Omar Masry
1650 Mission Street, Suite 400
San Francisco, CA 94103

August 28, 2014

Dear Commissioner Wu,

I have lived at the corner of Taylor and Jackson for 23 years and I have seen a lot of change in the neighborhood for the good. Being a mostly rent-controlled neighborhood, many of the faces I see around I have been seeing for 10 to 20 years! And the good change I am referring to has been the community that I have witnessed grow around Cafe Isabella, owned by my next-door neighbor Hilda, and Susan's dry cleaning shop next to the cafe. Due to these services, people have gathered, shared coffees and stories and news. It feels like a real neighborly place now, which previous to the last few years it did not.

I think that the proposed micro-cell site is positively wrong, given the location and the fact that these two businesses will greatly suffer the loss of their current storage space. God forbid this should put them out of business. But the other thing is, who wants to sit and enjoy a coffee when they know they are getting radiation from the equipment right below them? Certainly Hilda and Susan are concerned about this, and their customers should be too. I don't care what kind of studies the cell phone providers have paid for that say this is OK for people working on a daily basis right next to the equipment, but I certainly would not want to be hanging out within close range myself.

I hope that you will listen to the neighbors on this one. Our voices should be heard and I invite you to come by and witness for yourself the community around these two businesses and the flavor that they give to the neighborhood. The installation of the micro-cell site would be very detrimental, and I believe anyone you asked in the neighborhood would agree with me.

Sincerely,

Kate Kilbourne
1355 Taylor Apt. B
(415)922-5872

Dear Commissioner Wu, Commissioner Fong, Commissioner Antonini, Comiisioner Johnson, Commissioner Hillis, and Commissioner Moore,

We are writing this letter in support of small business owners in our neighborhood, Hilda and Susan.

Our family lives in the building next door (1420 Taylor Street) and strongly opposes the proposed AT&T Wireless installation. We have decided to raise our family in this wonderful neighborhood because of the beauty of historic Nob Hill and because of the local businesses and people who make our neighborhood family friendly. In fact, we love this neighborhood so much, that we chose to give our 12 week old son the middle name "Taylor" after the street we have lived on for the past 5 years.

We strongly believe that the proposed facility will detract from the beauty and character of the neighborhood by cluttering the rooftop and impairing views toward the bay.

Additionally, as the parents of two young children, ages 2 and 12 weeks, we are extremely concerned about the cumulative long term health risks posed to our children, especially given their individual developmental stages, from living in such close proximity to the wireless facility.

Lastly, each and every time we leave our house our 2 year old son insists on saying "hi to friend" ("friend" being Hilda and Susan, who always graciously take a moment to share a smile, high five, or wave) - by not preserving existing neighborhood-serving retail due to the reduction of basement storage for both Kay's Cleaners and Cafe Isabella, we believe the character of the neighborhood is at jeopardy, as are two very beloved and necessary businesses.

Thank you for your consideration of our comments.

Kind regards,
Electra, Steve, Henry, and Charlie Kinney

To whom it may concern,

I live at 1250 Taylor street, near where it intersects Washington street, a block away from the proposed site for an AT&T WTS facility as outlined in case No. 2014.0633C.

Though I am an AT&T wireless customer that could benefit from the installation, I urge the commission to oppose granting authorization for this project.

This project will encumber two local businesses, Kay's Cleaners and Café Isabella, by removing needed storage from their business use. This encumbrance may cause one or both of these businesses to close. Both of these businesses are congregating spots for neighbors to meet each other and cement neighborly bonds. These businesses are integral and formative to the character and experience of the neighborhood.

During these times of change within San Francisco, I feel it to be greatly important to preserve the character of our neighborhoods when practicable. Preserving these neighborhood businesses and consequently the character of the neighborhood is of greater importance to San Francisco than the placement of this AT&T facility at this spot.

Thank you for your attention,

Jack (John) Lincoln

1250 Taylor St #11

San Francisco, CA 94108

SENT ELECTRONICALLY & DELIVERED IN PERSON AT THE REQUEST OF OMAR MASRY

August 29, 2014

John & Robin McBain
1420 Taylor St. #10
San Francisco, CA 94133

San Francisco Planning Department Commissioners – c/o Omar Masry
San Francisco Planning Department
1650 Mission St., Ste. 400
San Francisco, CA 94103

Re: *AT&T Wireless Transmission Project/1098 Jackson Street – Case No. 2014.0633C*
Hearing Date: September 11, 2014

Dear Commissioners Wu, Fong, Antonini, Johnson, Hillis and Moore:

My husband and I wanted to briefly express our concerns regarding AT&T's aggressive plan to install wireless communications in 1098 Jackson St. – the building next door to 1420 Taylor St., where we have resided for nearly 10 years – as detailed in exhaustive documentation with which you are likely quite familiar by now.

Put succinctly, as far as we are concerned the crux of this catastrophe is that there are two cornerstone, female-owned and operated businesses that are crucial to our neighborhood which are located in 1098 Jackson and are now threatened by this intrusive and unnecessary project. Kay's Cleaners has been a fixture at its location for 28 years and owner Susan is proudly supporting her daughter who is an honors college student with plans for a post-graduate degree. Café Isabella – owned by Hilda, also a busy working mother – has quickly become a go-to destination throughout our community for breakfast/brunch and lunch and is a hit with cable car tourists from abroad, as well. Both establishments are unique and have an indelible stamp on the community that cannot be denied. If AT&T's project goes forward in this building, it will take away both businesses' basement space and their spiked rent will force them out entirely. **This is unacceptable to us as their customers, friends and neighbors, and it is hurtful and insulting to both of these women as hard-working business owners in the city of San Francisco.**

Between the two of us, my husband and I have dedicated over 15 years of our lives to this utterly one-of-a-kind, landmark city. We live here quite on purpose – because we want to. You can be sure that we **did not** base our decision to live here on trite considerations such as cell phone coverage. A city's character is made or broken by its neighborhoods; they form the fabric and the heart and soul of its community. **Technology is obviously very important in 2014 but at the end of the day, a cell phone can't shake your hand, or sign for your FedEx, or mend that huge rip in your pants, or cook you the best burrito you ever had in your life. Nope. Those are things only a neighbor can do**. Bottom line: There are much more desirable transmission locations that have already been identified and should be pursued in the area.

Thank you for your courtesy and consideration.

Kind regards,

John & Robin McBain

COPY

August 28, 2014

TO:
San Francisco Planning Department
C/O Omar Masry
1650 Mission Street, Suite 400
San Francisco, CA 94103

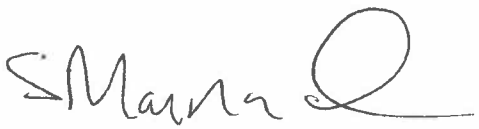
Dear Commissioners Wu, Fong, Antonini, Johnson, Hillis and Moore:

I was saddened to read about a proposed plan for AT&T to create a macro wireless telecommunications services facility at 1098 Jackson St. Such a project would adversely impact two small businesses located next to this building: Kay's Cleaners and Café Isabella. Both business owners might have to pay more rent and possibly close down.

Our community has very few small businesses at this time. To see two very popular businesses negatively impacted by AT&T upsets me and other residents of our community. In addition, I'm not an engineer but it seems that such a facility would be better served at a different site, not one that is an historical building.

I want to go on record as being strongly opposed to this plan.

Sincerely,



Scott Maynard
1420 Taylor St
San Francisco, CA 94133

Good day Omar – I am a tenant at 1420 Taylor Street on the top floor and am very concerned about your wireless proposal for antennas on 1410 Taylor St.. I have health and safety concerns with their proximity to my dwelling which is also my office. Would you feel safe with an antenna farm mere feet from where you are everyday? Please reconsider alternate locations.

Thank you. Jacquelyn Mogol

A NOTE FROM...

JACKIE MOGOL

Tony Rastatter
1420 Taylor Street
San Francisco, CA 94133

San Francisco Planning Department
c/o Omar Masry
1650 Mission Street, Suite 400
San Francisco, CA 94103

Dear Commissioners Wu, Fong, Antonini, Johnson, Hillis, and Moore:

I am writing you today in regard to the proposed wireless project at 1098 Jackson Street.

I have lived in the neighborhood for 5 years, and greatly appreciate the scale and architectural styles of the buildings found here.

I am strongly against this project since it would:

- Conflict with the Project Site's architectural vernacular and existing neighborhood character
- Create a negative impact on the aesthetic of the potential historic resource by not being contained within the existing structure
- Result in additions to the building that would appear incongruous with the building's design
- Result in the use of rooftop elements that are out of scale with the building and appear prominently visible from various public vistas and streets, such as Jackson and Taylor streets

View looking down Jackson Street. Subject building is on the left. Roof is visible from Jackson due to elevation change.

View from opposite corner, Taylor at Jackson Street. Roof is not deep so equipment will be visible from street, sidewalks.

Even with setbacks, the antennas will be clearly visible from public rights-of-way. Using paint, fencing, screens, faux vent pipes and other camouflaging devices will not work to minimize the visual intrusion of the equipment. It will not be in harmony with our neighborhood character.

Please ask AT&T to locate their wireless facility on a more appropriate structure.

Sincerely,

Tony Rastatter

9/3/14

To the Planning Commission:

I am writing to express my extreme discontent with the plan to install six antennas on the roof of 1098 Jones St.
Jackson (corrected with permissi

Not only will this be visible from my window and the windows of many other nearby residents but it will also thoughtlessly expose us to additional radiation. It will also impose upon two upstanding local businesses — Kay's Cleaners and Cafe Isabella.

Do not go forth with this project against the wishes of those that will be affected the most.

Sincerely,

Gina Wang 949-973-7180
1456 Jones St
SF, CA 94109

Petition to prevent AT&T Mobility from installing SIX (6) wireless antennas at 1410 Taylor Street/1098 Jackson Street

Petition summary and background	AT&T wants to install a **macro-site** at this location. Residents in this neighborhood are concerned about possible adverse health risks, especially cumulative and long-term, due to wireless radiofrequency (RF) radiation from the panel antennas.
Action petitioned for	We, the undersigned, are concerned citizens who urge our leaders to act now to prevent/stop the installation of antennas at this site, a **densely populated** and **primarily residential** area.

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
CHIH LIANG	Chih Liang	1100 Jackson St. SFCA		6/13/14
FLORA LI	[illegible]	42 AUBURN ST		6/13/14
Kenny Chu	Kenny Chu	826 Jackson		6/13/14
Wenhing	Wenhing	830 Jackson		6/13/14
ZHOU WENLI	ZHOU WENLI	850 Jackson		6/13/14
Raymond Leung	Raymond Leung	830 Jackson ST		6/13/14
Linmei Cai	[illegible]	1301 Jackson		6/13/14
Yiwei Tan	[illegible]	45 ROSSA AV #8		6/13/14
Sharlyn Phung	[illegible]	316 Keary st		6/13/14
Ann Leung	[illegible]	1355 Jackson ST		6/13/14
Victor Liang	Victor Liang	1100 Jackson st.		6/13/14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
YE SOON LIANG	Ye Soon Liang	1100 Jackson		6-13-14
Wild Fei Liang	Fei Liang	1100 Jackson St		6/13/14
Betty Liang	Betty Liang	1100 Jackson St.		6/13/14
WAYNE LEUNG	Wayne	1530 Jackson St		6/15/14
YUCHO LEUNG	Yucho Leung	1470 Washtong St		6-15-2014
TONG BI LIANG	Tong Bi Liang	888 Washington ST		6-15-2014
WING WONG	Wing Wong	1459 JONES ST #7F		6-15-2014
YOKE KING YEE	YOKE YEE	1459 JONES ST		6-15-2014
Henry Yu	Henry Yu	11 Belden pl		6-15-2014
RITA YUN	RITA YUN	45 Rossaly St.		6-15-14
Qi Nian Yu	Qi Zeien Yu	11 Belden PL		6-15-14 ~~6-15-2014~~
Janet Yu	Janet Yu	11 Belden PL		6-15-14
George [illegible]	[illegible]	1100 Jackson St. #12		6-15-14
Kwan Ching Lin	[illegible]	1100 JACKSON #7		6.15.14
Thomas Bradford	[illegible]	1100 Jackson St.		6.16.14
Genna yu	Genna yu	316 kearny		6-16-14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
BRUCE Li		42 Auburn ST.		6/13/14
LARSON LI		42 AUBURN ST		6/13/14
MONGYEETOE		49A AUBURN ST		6/14/14
Guy Joe		49A Auburn St.		6-14-14
Erick Fong		45 Auburn St.		6-14-14
YINAI WEN		1047 Stockton ST #221		6/14/14
Haihua Wen		1047 Stockton St #221		6/14/14
CHAI HAN CHUNG		44 AUBURN ST.		6-14-14
WING TAI TAING	WING TAI TAING	44 AUBURN ST		6-14-14
Michael Chin		1449 Powell St. apt #12		6/14/14
BETTY LI		1449 POWELL ST. #12		6/14/14
MEI-Qing Huang	Mei-Q, huang	1449 POWELL ST #6.		6-14-14
Chun Hua Lin	Chun Hua Lin	1082 Jackson St		6/15/14
Qiong Lin		1082 Jackson ST		6/15/14
Wendy Huang		1082 Jackson St		6/15/14
Anita Huang		1082 Jackson St		6/15/14
ALFRED LI		42 AUBURN St		6/16/14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
Alec Rosales		1100 Jackson # 9		6/16/2014
Anupama Mani		1150 Jackson St		6/16/2014
Shannon Leong		1100 Jackson		6/16/14
Louis Fong		1200 Jackson ST.		6/18/14
Howard Hu		2933 Clement St		6/18/14
Wilson Tam		1527 27th Ave		6/18/14
Sarah Su		5183 7TH AVE		6/18/14
Jaime Diaz		1942-15th St. #4 94114 SF		6-18-14
C Cabral		3962 Cesar Chavez St SF		6-18-14
TRACY CALHOUN		500 TURK ST		6/18/14
M.W. GARDNER		260 Eighth St. SF		6/19/14
B Poston		260 8th SF		6/19/14
K. BURKS		866 38th Ave		6/19/14
Hai Nguyen		1201 Washington St		6/19/14
KIVOI CAMPBELL		1300 JACKSON ST		6/19/14
Richard L Liu		160-30th Ave		6/19/14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
Jindi Hu	Jindi Hu	1045 pacific AVE.		6/21/14
Yun Tong Huang	Yun Tong Huang	1043 pacific AVE.		6/21/14
George Wick	George Wick	1043 pacific AVE.		6/21/14
Sally LEONG	Sally Leong	18 AUBURN ST.	Too DENSE & POPULATION	6/21/14
RICHARD LEONG	R Leong	"		
[illegible]	[illegible]	1433 JACKSON ST		6-21-14
MARIon ARONES	[illegible]	1110 Jackson ST.		6/24/14
John Hofer	John Hofer	1100 Jackson ST		6/29/14
JACKY	Jacky	1120 Jackson St		6/29/14
Simon	[illegible]	1120 Jackson St.		6/29/14
Kit Mak	[illegible]	1120 Jackson st.		6/29/14
Jack Kwong	[illegible]	1120 Jackson St.		6/29/14
[illegible]	[illegible]	1090 JACKSON		6/29/2014
ridelle Lao	Michelle	1120 Jackson		6-29-14
YE MOON WONG	1459 Jones	Ye Moon Wong		6-29-14
Kin WONG	[illegible]	1120 JACKSON		6-29-14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
DUART Sit		525 28th Ave # /		June 21 2014
Doris w.k. Chee	Doris w.k. Chee	939 Pacific Ave		June 21 - 2014
Michaele Alpenglow	Michaele Alpenglow	2302 Cabrillo, SF 9412		June 21, 2014
Joseph Tauzenig	Joseph Tauzenig	2929 Clement St		June 21, 2014
HELEN SOARES		151 WENDELL St. S.F.		June 21. 2014
JASON LU		518 37th AVE		JUNE-21-2014
HELKO ADLER		POB 170016 SF CA 94117		6/24-14
Yoel.		3668 enterprise Ave Hayward, CA 94545		6-24-14
Bob Meyer	Robert S. Meyer	718 - 37rd Ave		6-24-14
Ludmi LLA DAVIS	Ludmilla Davis	706 - 25th Ave		6-24-14
STEVEN WOO		401 - 34th Ave		6/24/14
Hugh Byrne	HUGH BYRNE	975 Bush St		6/25/14
WILLIAM DEMATTEI	William R DeMatteo	3647 - IRVING ST		6/25/14
VERA YEE	Vera yee	360 Bowie Ave		6/26/14
EDWARD VILHAUER	Ed Vilhauer	5140 ANZA ST #2 S.F		6-27-14
Craig Dillabaugh		22 Kawa Vista Ave G14		6/27

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
M. Arellano		1860 MASON		6/26
Ed Laban	Ed Lan	4622 Cabrillo St		6.25
Steve M.	Steve M.	627 3rd Street		6/26
MANLI zhou		5th ELCRMNO DrEMa		6/26
wenfu zhang	wenfu zhang	5th EL CRMino Drema		6/26
M. Leigh	M. L.	529 40TH S.F		6/27
JOY Lew	Joy Lew	1120 Jackson #2		6/29
YAN, KWOK	Kwok Yan	1120 JACKSON #14		6/29/14
KING YAN	King Yan	1120 Jackson #6		6/29/14
Calvin Fong	Calvin Fong	1120 Jackson #14		6/29/14
Qi Na	Qi Na	11 Belden Pl.		6/29/14

Petition to prevent AT&T Mobility from installing SIX (6) wireless antennas at 1410 Taylor Street/1098 Jackson Street

Petition summary and background	AT&T wants to install a **macro-site** at this location. Residents in this neighborhood are concerned about possible adverse health risks, especially cumulative and long-term, due to wireless radiofrequency (RF) radiation from the panel antennas.
Action petitioned for	We, the undersigned, are concerned citizens who urge our leaders to act now to prevent/stop the installation of antennas at this site, a **densely populated** and **primarily residential** area.

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
Jessica Schwartz	Jessica L Schwartz	1050 Pacific Ave		6/13/14
Mari Goldstone		54 Glover St.		6/13/14
Deborah O'Connell		1250 Taylor St		6/13/14
PETER BERG		1434 TAYLOR ST		6/13/14
John Ge		1028 JACKSON		6/13/14
Michael Hopps		1200 Taylor St		6/13/14
Wes Fleming		1425 Taylor St. CA		6/13/14
BRANDON MATH		1139 PACIFIC AVE		6/13/14
DAVID SOKOL		1101 Taylor #1		6/13/14
MARKET NY		1120 JACKSON ST.		6/13/14
ENRIQUE V		1365 TAYLOR ST.		6/13/14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
F.X Vignoles		1168 Clay St		6/14
S.J. Reddy		1644 Taylor		6/14
P. Wright		1544 Taylor St.		6/14
R. Costanzo		1142 Jackson St.		6/13
J Oppermann		1425 Taylor St		6/13
Kay Evans		1329 Taylor		6/13
Dave Ramirez		1260 Clay St		6/13
Brant. o Leyva		1508 Taylor St		6.13
Sandra Ferguson		1365 Taylor St #1		6/13
B. Butfield		999 Broadway		6/13
James Willis		1637 Taylor #100, St.		6/13
Jonas Hines		1120 Jackson #11		6/13
Jen Nickel		1255 Taylor #10		6/14
Charlotte Stedum		30 Fabian St		6/14
Brian Murph		1441 TAYLOR ST		6/14
Kevin Foley		990 Broadway #5		6/14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
KRISTEN ENNIS		1464 TAYLOR, APTS	please don't.	6/14
Russell Coleman		1464 TAYLOR APTS		6/14
Nanabah Roye		1090 Jackson St.	Pls. don't	6/14
Richard Cuevas		900 Powell St.		6/14
Emily Yuleo		1515 Taylor St		6/14
Ryan O'Connor		32 Bernard St.		6/14
ERIC HAMER		1071 Pacific	Don't	6/10
Katy Caines		432 Cole	don't !!!	6/10
Ari Theodosi		1042 Clay Street	please don't	6/14
Taylor Geraghty		1212 Pacific Ave		6/14
CARRIE FRASER		1425 Taylor St.	don't please	6/14
Danielle Rathbun		1049 Pacific Avenue		6/14
Kevin Townsend		1022 JACKSON St.		6/14
Alex Lasnik		2 Phoenix Terrace		6/14
Connor McCarthy		2 Phoenix Terrace		6/14
JACK MACBOOK		1075 PACIFIC		6/14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
FRANK REZZUTO	Frank Rezzuto	1225 Clay St. apt 4		6-14-14
KEN KANTERMAN		1410 TAYLOR		6-15
BEN MALINI		999 Broadway		6-16-14
ANNA CHALLET	1420 TAYLOR - APT A SF, CA 94133			6/16/14
Adam Bhukhanwala	1175 Washington #2			6/16/14
Geoff DeWinge	1302 Taylor #14			6/16/14
Dr. Solnik		1629 Taylor St		6/16/14
Mollie Parker		1326 Sacramento St.		6/17/14
Frank Shapiro				6/17/14
Kamran Masood		1125 Taylor St.		6/17/14
Giannina Ramos		1345 TAYLOR St Apt A		6/17/14
[illegible]				6/17/14
Matt Rosen		1075 Washington St		6/17/14
John Power		427 CLAYTON RD.		6/17/14
Isabelle Wright		1266 Washington		6/17/14
Shennin Pichevar		1210 Washington		6/17/14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
Hicks Monder		1365 TAYLOR ST.	Don't!!!	6/17/2014
Sarah Wohn		990 Broadway #3	!! No !!!	6/17/2014
Stacy Ramirez	Stacy Ramirez	1224 Taylor, Apt 9		6/17/2014
Timothy Plastikow		1133 Jackson St., SF	Please don't disrupt our quality of living!	6/17/2014
Alfonso Gadinez	Alfonso Gadinez	1175 Washington	Stop killing us	6/18/2014
Cecilia Franco		765 Geary st.	Don't!!	6/22/2014
Patrick Hathan		1644 Taylor St	NO!!!	6/24/2014
FRANK R. KLINE		1170 Sacramento 3C	NO!!!	6/24/2014
Isabella		1365 taylor st	No rf radiation	6/24/2014
Joan Heringer		1355 Taylor St #3. SF	too much - ~~bigger~~ too	6/25/2014
Kate Kilbourne		1355 Taylor St #A SF.	No radiation	6/25/2014
Claudia Vratsanos		1545 Taylor	NO Way Radiation 415 [illegible]	
TERRY BURTON	Terry Burton	1345 TAYLOR	Don't	6/26/14
Ellen Jewell	Ellen Jewell	1329 Taylor St.	c No antennas	6/26/14
JACOB Zukerman		1329 Taylor St	Don't	6/26/14
Brad Ames		1941 ~~Stockton~~ St.	No	6/26/14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
Erick Gutierrez		1210 Manley DR	(NO)	06/27/14
[illegible] Comer		1200 California		06-27-14
Thomas Wallace	Tom Wallace	1255 Taylor St #5		6/27/14
Bryan Murphy		1441 TAYLOR ST #101		06/28/2014
Andy Pyle	Andy Pyle	1302 Taylor St #2		06/29/2014
H/HDA		1363 Taylor ST	(NO)	07/28/2014

Petition to prevent AT&T Mobility from installing SIX (6) wireless antennas at 1410 Taylor Street/1098 Jackson Street

Petition summary and background	AT&T wants to install a **macro-site** at this location. Residents in this neighborhood are concerned about possible adverse health risks, especially cumulative and long-term, due to wireless radiofrequency (RF) radiation from the panel antennas.
Action petitioned for	We, the undersigned, are concerned citizens who urge our leaders to act now to prevent/stop the installation of antennas at this site, a **densely populated** and **primarily residential** area.

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
Jennifer Sturm		1055 MASON ST #16 SF CA 94108		6/12
ANNA CHALLET		1420 TAYLOR ST., APT. A SF, CA 94133		6/13
Moira Chamberlain		82 Bernard St SF 94133		6/13
GARRETT HESLEP		1110 JACKSON ST		6/13
Bill Haskin		1425 Taylor #[redacted]		6/13
WILLIAM LEE	William Lee	1444 Taylor St. 94133		6/13
Betty Wong	Betty Wong	1076 pacific ave 94133		6/13/14
Ben Pullman		1367 Broadway SFCA		6/13/14
[illegible] KINGSTOCK		1120 JACKSON ST. 94133		6/13/14
RADHIKA VIJ		999 BROADWAY #[redacted] 94133		6/13/14
YUEGENG LEE		1420 TAYLOR ST SF 94133		6/13/14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
Anna Woo	Anna Woo	1451 Taylor 94133		6-14-14
JENNY CHEUNG		1351 TAYLOR 94108		6-14-14
Meredith Hobik	Meredith Hobik	1100 Jackson #7, SF, CA 94133		6-14-14
HUGO BESSETTE COLLETTE		1425 Taylor Street 94133 Apt 603, SF, CA		6-14-14
Courtney Unorf	Courtney Unorf	1352 Taylor St #2 SF CA 94108		6-14-14
Elaine Carpenter				
Jason Dewar		1520 Taylor St 205 San Francisco, CA 94133		6-14-14
Mark McCamish	Mark McCamish	1410 Taylor St #3 San Francisco, CA 94133		6-14-14
Janine Wong		1420 TAYLOR #4 SF, CA 94133		6-14-14
Luba Vancoevord		1410 Taylor St #8		6-14-14
Bobby Lee		1451 Taylor St #9		6-14-14
		1425 TAYLOR ST. #601		6-14-14
R McBain		1420 Taylor St #10 94133		6-14-14
BRIDGET SMITH		1820 TAYLOR ST, SF CA 94133		6-16-14
B Philon		1200 Clay ST #103		6-16-14
Wayne Fan		1425 Taylor St #602		6-16-14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
Ron		1285 Washington St		6-16-14
Shew Yick	Shew Yick	1285 Washington St		6-16-14
Robert Yick	Robert	1285 Washington St.		6-16-14
YIT-LAM KWOK	Yit-Lam Kwok	1120 Jackson ST Apt 10		6-16-14
MAXINE HAVENS	Maxine Havens	1425 Taylor #501		6-17-14
J. A. HAVENS	Kolvens	1425 Taylor St #501		6-17-14
G. G. HERLD		1190 Sacramento #12		6/17/14
Julia Held	Julia V. Held	1140 Sacramento #12		6/17/14
Teresa Lee		1315 Taylor St		6/17/14
Lynne LaVacque		1441 Taylor ST #307		6/17/14
KANE VIDAK		1544 TAYLOR, #3, SF, CA 94133		6/17/2014
Michael Chrisman		1410 Taylor ST #6 SF 94133		6/17/14
Christina Hong	Christina Hong	1442 Taylor ST SF 94133		6/17/14
Ian Harris		1254 Taylor St. Apt 7 SF 94108		6/17/14
James Allen		1442 Taylor ST 94109		6/17/14
SIU YIN Hew		1464 TAYLOR #1		6/18/14

Printed Name	Signature	Address (apt # not necessary)	Comment	Date
CAI MUI CAM	Cai Mui Cam	1464 TAYLOR # 2		6-18-14
Edwin Santiago	Edwin Santiago	865 North Point #1	S	6-18-14
XIAI MA	Xiai Ma	1126 PACIFIC AVE		6-18-14
PJ GABRIELLI	PJ Gabrielli	1425 TAYLOR ST.		6-19-14
CHEN, ~~ZHANG~~ XIAN ZHANG	Xiaan Zhang Chen	1082A Jackson st		6-19-14
XING QIU ZHAO	XING QIU ZHAO	1082A Jackson St		6-19-14
Karina Lin	Chi Lin	1228 Washington St.		6-19-14
John Holtaday	John Holt	1508 Taylor		6-23-14
Diane Walton	Diane Walton	1410 TAYLOR		6-23-14
[illegible]	[illegible]	1410 TAYLOR.		6/23/14
Colleen Dooley	Colleen Dooley	1410 TAYLOR ST		6/28/14
Eugene F. Lynch Jr.	Eugene F. Lynch Jr.	3501 LAGUNA ST.	geneegene@hotmail.com	8-05-14
				/

September 3rd, 2014

To The San Francisco Planning Department,

My name is Victor and I currently live on Taylor Street. Today, I am writing in regards to the opposition of developing a macro wireless telecommunications service facility. I am extremely dissatisfied about how AT&T is attempting to create six panel antennas on 1098 Jackson Street because of the obstruction of the aesthetic beauty, the negative consequences to small businesses, and the possible long term health hazardous effects.

After living in Nob Hill all my life, I do not believe the need for this telecommunication facility is warranted and needed. Nob Hill isn't like Downtown San Francisco where there are thousands of companies that rely on data and quick speed to complete their work. No, this is a residential neighborhood where people relax, play, live, and grow. As of right now, my data and speed on my tablet and smartphone is perfectly fine. Furthermore, creating these antennas is totally unnecessary and a waste of our hard earning taxpayer's money.

I have enjoyed living on the top floor of my apartment complex and would hate to have some ugly and hideous electronic piece of shit blocking my view of the Bay Bridge and the frequent firework displays. This creation will be visually intrusive and would depreciate the value of all the buildings. How would you like it if I built a wide and hideous statue and blocked your view of the bay? Consider the Golden Rule and treat others as one would like others to treat oneself.

The creation of this facility will also harm the businesses of Kay's Cleaners & Café Isabella. The thought of that is repulsive considering Kay's Cleaners have been here in this neighborhood for more than 25 plus years. This would also be in opposition to San Francisco's policy of protecting small and homegrown businesses. We can't let this happen because these small businesses define our neighborhood and are reasons why Nob Hill is so great.

I understand there are no definitive research that suggest that there are long term effects on humans with the creation of the antennas. But, why should we even risk harming residents with the possibility of radiofrequency emissions? Before you create the antennas, you should absolutely be 100% certain that there will not be any potential human health hazard. Go do more further research and set better standards before risking others with the radiofrequency emission biological effects. It's disheartening that you guys would even consider increasing everybody's chances of cancer and exposure to harmful radiation. And all of it for what? So that everybody could have a bit quicker speed on their tablets? Don't be that self-centered and selfish. It's unfair to all of it who might have to deal with the potential effects.

I think the best thing to do is reconsider and go build the antennas elsewhere. Go do it in a different place or somewhere away from our community. I'm in opposition to the whole project because it visually blocks my view of the bridge, hurts small businesses, and could potentially cause harmful biological effects. Please don't build the antennas on 1098 Jackson Street.

Victor Ly

September 2, 2014

Dear Planning Commission,

My name is Betty Liang and I reside on Jackson Street. I am writing to you today in opposition to the AT&T antennas being built across the street on Taylor Street. Having lived at this residence all my life, my fond memories growing up are of the glorious view of the Bay Bridge and the San Francisco Bay. Building the antennas is not only unappealing to look at, but will block my view of the famous landmarks that make San Francisco so unique. I do not want my view of this city covered up or blocked in any way. In addition, living on the top floor of my building, I am able to watch fireworks from the comfort and warmth of my own home without having to go outside during cold nights to get such a great view. Again, building the antennas will take away from my ability to see these beautiful fireworks during celebratory holidays and events.

Nob Hill has always been a popular neighborhood. Located blocks away from the Cable Car Museum and along the Cable Car tracks, building the antennas will also deter tourists from coming to this area of town. The tourists come to Nob Hill for its elegance and beautiful community of good food and sight-seeing. They do not want to take pictures of antennas, but rather, pictures of what makes this neighborhood and city special in its own way. Building the antennas will make this area look like another business.

Please consider building the antennas elsewhere and not in a residential area here on Taylor Street. I would like this neighborhood to remain environmentally friendly, visibly appealing, and welcoming to both locals and tourists.

Thank you.

Sincerely,

Betty Liang

Betty Liang

我们坚决反对AT and T mobility
公司准备在Jackson街1098号，安装
一座无线通讯设备。这些对人类心
理和生理有很大的障碍号。另外有
放射性、对人的身体、动物、植物有
很大的害处。另外有阻碍风景。我们
年纪有60岁，很难再找一间好居住地方。
我万分请求你们不要安装，为人民的居
住多关照吧吧！

Chih Kiang Liang
1100 Jackson ST

我们坚决反对AT and T Mobility
公司准备在Jackson街1098号.安
装一座无线通讯设备.这些对人类
心理和生理有很大的障碍.另外有
放射性.对人的身体、动物.植物有
很大的害处、另外有阻碍风景、我
坚决反对在这个地方安装.请你们
立即停止一切吧!

黄绮旋

YeSoon LiANG 1100 Jackson st

我們堅決反對关於AT&T Mobility公司計划在JACKSON街1098號，安裝一座無線通訊設施，这些对人類与心理和生理有很大的困境」，放射性对小动物，植物有很大的害处，我們不同意在上述地址安裝，堅決反对!!

Liaw Ginef Tam 美巨 12608 6-15-14

HAMMETT & EDISON, INC.
CONSULTING ENGINEERS
BROADCAST & WIRELESS

WILLIAM F. HAMMETT, P.E.
STANLEY SALEK, P.E.
ROBERT P. SMITH, JR.
RAJAT MATHUR, P.E.
ANDREA L. BRIGHT, P.E.
KENT A. SWISHER
NEIL J. OLIJ
SAMMIT S. NENE
BRIAN F. PALMER

ROBERT L. HAMMETT, P.E.
1920-2002
EDWARD EDISON, P.E.
1920-2009

DANE E. ERICKSEN, P.E.
CONSULTANT

BY E-MAIL TV8342@ATT.COM

May 22, 2014

Theadora K. Vriheas, Esq.
AT&T Mobility
430 Bush Street
San Francisco, California 94108-3735

Dear Tedi:

As requested, we have conducted the review required by the City of San Francisco of the coverage maps that AT&T Mobility will submit as part of its application package for its base station proposed to be located at 1098 Jackson Street (Site No. CN5713). This is to fulfill the submittal requirements for Planning Department review.

Executive Summary

We concur with the maps, data, and conclusions provided by AT&T. The maps provided to show the before and after conditions accurately represent the carrier's present and post-installation indoor coverage.

AT&T proposes to install six Andrew Model SBNH-1D65A directional panel antennas on short poles above the roof of the three-story mixed-use building located at 1098 Jackson Street. The antennas would be mounted with up to 6° down tilt at an effective height of about 44½ feet above ground, 7 feet above the roof, and would be oriented in groups of three toward 200°T and 330°T. The maximum effective radiated power proposed by AT&T in any direction is 10,550 watts, representing simultaneous operation at 4,380 watts for WCS, 4,030 watts for PCS, 800 watts for cellular, and 1,340 watts for 700 MHz service.

AT&T provided for review two pairs of coverage maps, dated April 15, 2014, attached for reference. The maps show AT&T's cellular UMTS (850 MHz) and 4G LTE (700 MHz) indoor coverage in the area before and after the site is operational. Both the before and after UMTS maps show three levels of coverage, which AT&T colors and defines as follows:

Green	Acceptable service coverage during high demand periods
Hashed Yellow	Service coverage gap during high demand periods
Pink	Service coverage gap during all demand periods

The 4G LTE maps do not differentiate between demand periods; rather they indicate, with the color blue, locations where 4G service is and would be acceptable.

We undertook a two-step process in our review. As a first step, we obtained information from AT&T on the software and the service thresholds that were used to generate its coverage maps.

e-mail: **bhammett@h-e.com**
Delivery: **470 Third Street West • Sonoma, California 95476**
Telephone: **707/996-5200 San Francisco • 707/996-5280 Facsimile • 202/396-5200 D.C.**

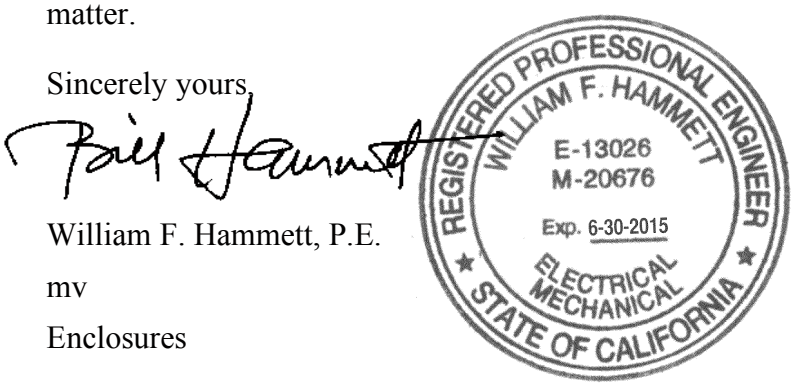
This carrier uses commercially available software to develop its coverage maps. The outdoor service thresholds that AT&T uses to estimate indoor service are in line with industry standards, similar to the thresholds used by other wireless service providers.

As a second step, we conducted our own drive test to measure the actual AT&T UMTS and LTE 4G signal strength in the vicinity of the proposed site. Our fieldwork was conducted on May 15, 2014, between 9:50 AM and 12:30 PM. The field measurements were conducted using an Ascom TEMS Pocket network diagnostic tool with built-in GPS along a measurement route selected to cover all the streets within the map area that AT&T had indicated would receive improved service.

Based on the measurement data, we conclude that the AT&T UMTS and 4G LTE coverage maps showing the service area without the proposed installation represent areas of deficiency in the carrier's present indoor coverage. The maps submitted to show the after coverage with the proposed base station in operation were prepared on the same basis as the maps of the existing conditions and so are expected to accurately illustrate the improvements in coverage.

We appreciate the opportunity to be of service. Please let us know if any questions arise on this matter.

Sincerely yours,



William F. Hammett, P.E.

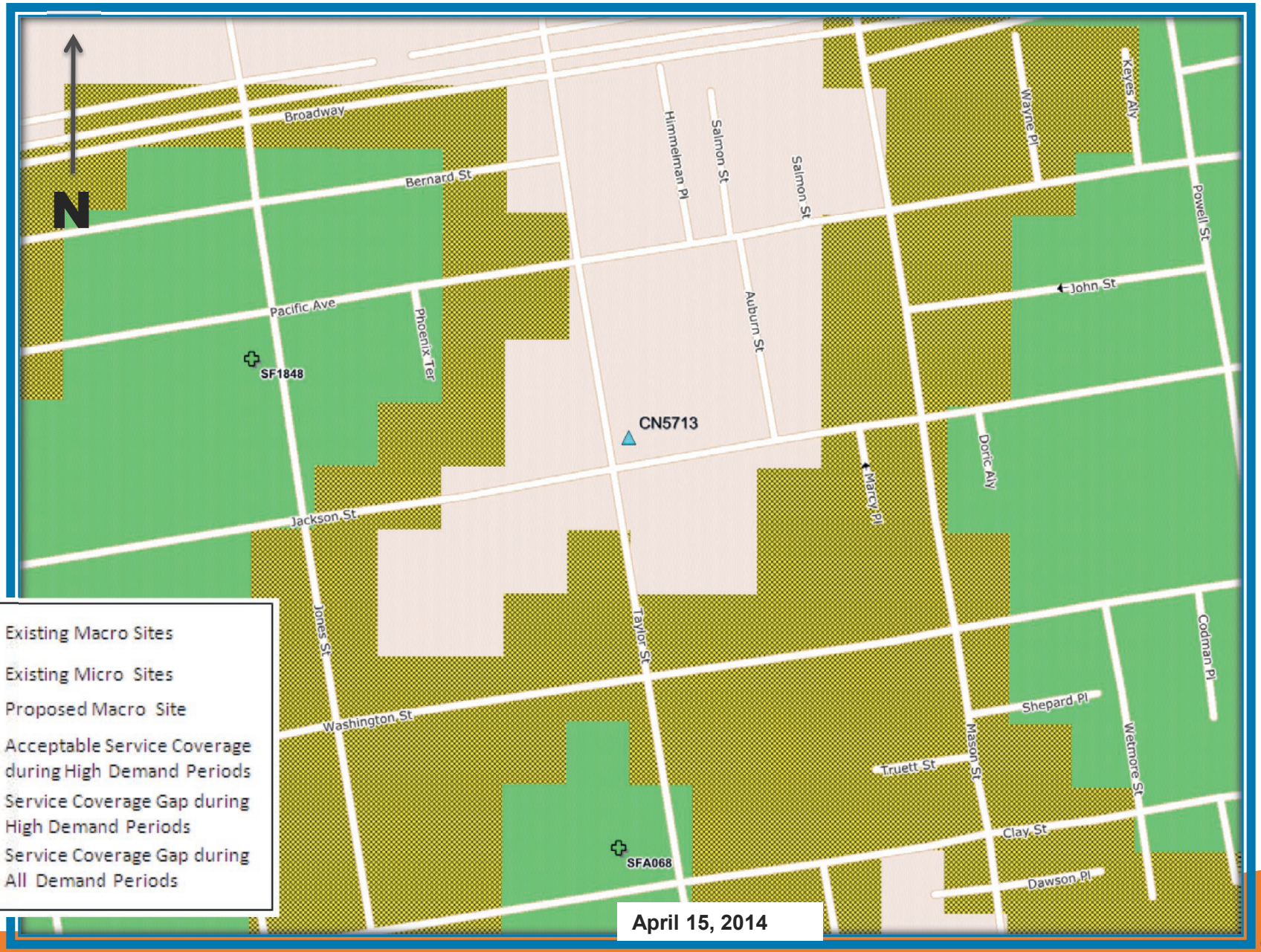
mv

Enclosures

cc: Mr. Michael J. Caniglia (w/encls) – BY E-MAIL MC0763@ATT.COM
Ms. Talin Aghazarian (w/encls) – BY E-MAIL TALIN.AGHAZARIAN@ERICSSON.COM

Exhibit 2 - Proposed Site at 1098 Jackson St. (CN5713)

Service Area BEFORE site is constructed



at&t

Exhibit 4 - Proposed Site at 1098 Jackson St. (CN5713)

Service Area AFTER site is constructed

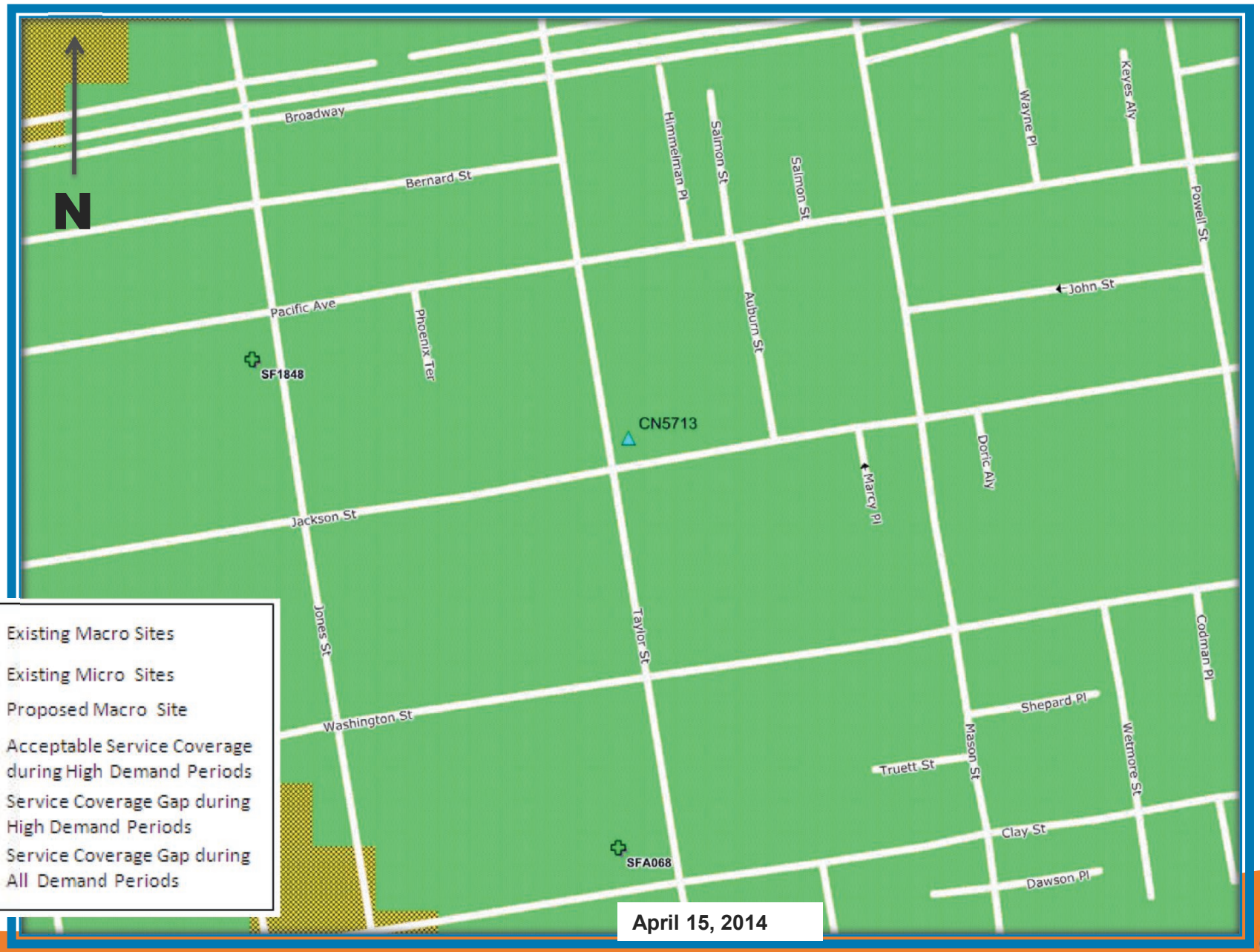


Exhibit 5 - Proposed Site at 1098 Jackson St. (CN5713)

4G LTE Service Area BEFORE site is constructed

Exhibit 6 - Proposed Site at 1098 Jackson St. (CN5713)

4G LTE Service Area AFTER site is constructed

at&t

CLAY & TAYLOR
1098 JACKSON ST
SAN FRANCISCO, CA 94133
CNU5713

NOTE: RFDS STILL REQUIRED

EXHIBIT B/CONDITIONAL USE AUTHORIZATION 2014.0633C

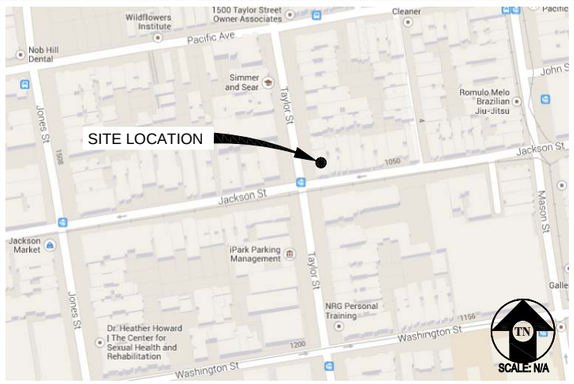
PROJECT DESCRIPTION

A (N) AT&T UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF A (N) 8'-0"X9'-0" (72 SQ FT) EQUIPMENT LEASE AREA & (N) 120 SQ FT ANTENNA LEASE AREA W/ (1) (N) DC POWER PLANT, (1) (N) BATTERY RACK, & (4) (N) 23" RACKS W/ RBS EQUIPMENT. ALSO INSTALLING (6) (N) AT&T ANTENNAS INSIDE (6) (N) ø16" FAUX FRP VENT PIPES, (14) (N) RRH UNITS, (2) (N) A2 MODULES, (1) (N) SPLICE BOX, & (2) (N) SURGE SUPPRESSORS.

PROJECT INFORMATION

SITE NAME:	CLAY & TAYLOR	SITE #:	CNU5713
COUNTY:	SAN FRANCISCO	JURISDICTION:	CITY OF SAN FRANCISCO
BLOCK/LOT:	0181-022	POWER:	PG&E
SITE ADDRESS:	1098 JACKSON ST SAN FRANCISCO, CA 94133	TELEPHONE:	AT&T
CURRENT ZONING:	RM-3-RESIDENTIAL-MIXED, MEDIUM DENSITY		
CONSTRUCTION TYPE:	V-B		
OCCUPANCY TYPE:	U, (UNMANNED COMMUNICATIONS FACILITY)		
HEIGHT / BULK:	65-A		
PROPERTY OWNER:	AETNA APARTMENTS LLC 32 THOMAS DR MILL VALLEY, CA 94941		
APPLICANT:	AT&T 430 BUSH ST, 5TH FLOOR SAN FRANCISCO, CA 94108		
LEASING CONTACT:	ATTN: AUSTIN CHING (808) 282-3006		
ZONING CONTACT:	ATTN: MARK JONES (330) 391-0360		
CONSTRUCTION CONTACT:	ATTN: AARON MCCLAIN (805) 471-2605		
LATITUDE: LONGITUDE:	N 37° 47' 43.41" NAD 83 W 122° 24' 47.07" NAD 83		
AMSL:	±249.2'		

VICINITY MAP



DRIVING DIRECTIONS

FROM: 430 BUSH ST, 5TH FLOOR, SAN FRANCISCO, CA 94108
TO: 1098 JACKSON ST, SAN FRANCISCO, CA 94133

1. HEAD EAST ON BUSH ST TOWARD CLAUDE LN	197 FT
2. TAKE THE 1ST LEFT ONTO KEARNY ST	344 FT
3. TAKE THE 1ST LEFT ONTO PINE ST	0.3 MI
4. TURN RIGHT ONTO POWELL ST	0.3 MI
5. TURN LEFT ONTO JACKSON ST	0.2 MI

END AT: 1098 JACKSON ST, SAN FRANCISCO, CA 94133

ESTIMATED TIME: 4 MINUTES ESTIMATED DISTANCE: 9 MILES

CODE COMPLIANCE

ALL WORK & MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

2013 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2013 CITY OF SAN FRANCISCO FIRE CODE
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
ANSI/EIA-TIA-222-G

ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS

DISABLED ACCESS REQUIREMENTS

THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. DISABLED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE BUILDING CODE, TITLE 24 PART 2, SECTION 11B-203.4

SHEET INDEX

APPROVAL

RF

LEASING

ZONING

CONSTRUCTION

AT&T

CLAY & TAYLOR
CNU5713
1098 JACKSON ST
SAN FRANCISCO, CA 94133

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	02/03/14	ZD 90%	C.C.
	04/11/14	CLIENT REV	C.C.
	04/14/14	ZD 100%	C.C.
	06/20/14	CLIENT REV	C.C.
	08/18/14	CD 90%	C.C.
	09/03/14	CLIENT REV	C.C.

DRAWN BY: C. CODY
CHECKED BY: J. GRAY
APPROVED BY: -
DATE: 09/03/14

Streamline Engineering and Design, Inc.
8445 Sierra College Blvd, Suite E Granite Bay, CA 95746
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

THESE PLANS AND SPECIFICATIONS, AS INSTRUMENTS OF SERVICE, ARE AND SHALL REMAIN THE PROPERTY OF STREAMLINE ENGINEERING & DESIGN, INC. AND SHALL NOT BE USED BY ANY PERSON OR ENTITY ON OTHER PROJECTS WITH OUT PRIOR WRITTEN CONSENT OF STREAMLINE ENGINEERING & DESIGN, INC. COPYRIGHT © 2013, STREAMLINE ENGINEERING AND DESIGN, INC. ALL RIGHTS RESERVED

430 BUSH ST, 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:
TITLE

SHEET NUMBER:
T-1

SAN FRANCISCO FIRE DEPT CHECKLIST - PAGE 1 OF 2

2.06 PERMIT APPLICATION CHECKLIST FOR CELLULAR ANTENNA SITES AND ALL EQUIPMENT SERVING THE CELLULAR ANTENNA SITE

This checklist shall be printed on a drawing sheet and submitted as part of the plans submitted with any building permit application creating or modifying cellular antenna sites regardless of RF emission quantities. This checklist is designed to assist designers, installers, plan reviewers, and field inspectors. This checklist shall be prepared by the design professional and shall be stamped and wet-signed.

This document is not all-inclusive of all requirements for cellular antenna sites and it is the responsibility of the designer to research the applicable codes. Documents referenced for this bulletin are as follows:

FCC OET Bulletin 56 - Questions and Answers about Biological Effects and Potential Hazards of Radiofrequency Electromagnetic Fields (August 1999)
FCC OET Bulletin 65 - Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields (Ed. 97-01:August 1997)
FCC - A Local Government Official's Guide to Transmitting Antenna RF Emission Safety: Rules, Procedures, and Practical Guidance (June 2, 2000)
2013 California Building Code (2013 CBC)
2013 California Fire Code (2013 CFC)
2013 California Mechanical Code (2013 CMC)
2013 San Francisco Fire Code (2013 SFFC)
2013 NFPA 13 Automatic Sprinkler Systems
2013 NFPA 72 National Fire Alarm Code

COMPLETE / SEE T-1 — 1. Provide a description of work on the plans.
COMPLETE / SEE A-1 THRU A-5 — 2. Plans shall include plan views and elevations showing all equipment locations and cable runs.
COMPLETE / SEE A-2 & A-3 — 3. Plans shall include antenna cut-sheets and equipment list on a drawing sheet.
COMPLETE / SEE T-3 — 4. Include a copy of the signed and stamped RF report on a drawing sheet as a reference to identify the exclusion area required to prevent occupational exposures in excess of the FCC guidelines (47CFR1.1310 and FCC OET Bulletin 65 edition 97-01).
COMPLETE / SEE T-3 — 5. The RF report shall indicate whether or not the site under review is a part of a multiple transmitter site and shall show compliance with FCC 47CFR1.1307(b)(3), as amended, all transmitters shall not exceed 5% of the power density exposure limit.
COMPLETE / SEE A-1 — 6. Drawings shall reflect the striped/exclusion areas per the above RF Report with a minimum radius being 1 foot.

SAN FRANCISCO FIRE DEPT CHECKLIST - PAGE 2 OF 2

COMPLETE / SEE T-3 — 7. Plans shall include a quantitive three dimensional image of the RF levels from each antenna located near an egress point (e.g. penthouse stair, fire escape, roof walking paths, skylights, etc.)
COMPLETE / SEE T-4 — 8. "Notice to Workers" warning signage as applicable per the above RF Report shall be permanently mounted at the stairwell side of the roof-access door (ANSI C95.2-1982(Reference [3])-yellow or more durable color for outdoor longevity).
COMPLETE / SEE A-1 — 9. Camouflaged antennas shall have 4inch x 4inch signage permanently mounted to the exterior of the RF screen as provided below. The sign shall be weatherproof with contrasting background color and shall contain the yellow triangle around the antenna symbol (see ANSI C95.2-1982(Reference [3])-yellow or more durable color for outdoor longevity). Signage locations(s) and detail of the sign shall be included on the plans.
COMPLETE — 10. Cables/wiring shall not be allowed in exit enclosures, smoke-proof towers, elevator shafts, or in front of dry standpipes. 2013 CFC 1022.5 and 509.2
COMPLETE — 11. Antennas shall not be mounted closer than the exclusion zone plus 4 feet for installations near fire escapes, stair penthouse doors, exterior standpipe outlets, skylights, or other fire department operations considerations.
COMPLETE — 12. There is no guarantee that the fire department will not shutdown the power to the site in an emergency situation although in order to reduce the site operator's possible loss of service the following information may be provided at the equipment room entrance:

COMPLETE / SEE A-1 — Provide emergency shutdown procedure signage. The sign shall include the following:

COMPLETE / SEE T-4 — * Emergency 24 hour/7 day a week NOC / field technician telephone number for RF shutdown.
COMPLETE — * Cell site identification number.
COMPLETE / SEE T-4 — *Map to location of electrical main-electrical main shall be clearly identified with a permanent red label and white lettering.
COMPLETE / SEE T-4 — *Map to location of battery cabinets and breakers-cabinets and breakers shall be clearly identified with a permanent red label and white lettering.
COMPLETE — *Any other relevant information or procedures as required for the individual cellular site.
COMPLETE / SEE T-4 — * The sign shall be clearly labeled in a phenolic label with a white background and black lettering. The title block shall be a red background and 1" high white lettering. Multiple signs may need to be installed based upon the cellular site configuration.
COMPLETE / SEE T-4 — * The actual breaker(s) shall be a phenolic label (red background and white lettering) with lettering not less than 1/8" high.
COMPLETE / SEE T-4 — * A copy of the signage shall be included on a drawing sheet.

Prepared by: Mr. _____
(Please include professional title and stamp)

Firm Name: STREAMLINE ENGINEERING & DESIGN, INC.
Address: 8445 SIERRA COLLEGE BLVD, SUITE E
GRANITE BAY, CA 95746
Phone Number: 1-916-660-1930

For further Information see the FCC website: http://www.fcc.gov/oet/rfsafety
or contact the
San Francisco Fire Department
1660 Mission Street, 4th Floor
San Francisco, CA 94103
(415) 558-6187

CLAY & TAYLOR

CNU5713
1098 JACKSON ST
SAN FRANCISCO, CA 94133

ISSUE STATUS

△	DATE	DESCRIPTION	
	02/03/14	ZD 90%	C.C.
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DRAWN BY: C. CODY
CHECKED BY: J. GRAY
APPROVED BY: –
DATE: 09/03/14

Streamline Engineering and Design, Inc.
8445 Sierra College Blvd. Suite E Granite Bay, CA 95746
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941
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at&t

430 BUSH ST, 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:
FIRE DEPT CHECKLIST

SHEET NUMBER:
T-2

CLAY
&
TAYLOR

CNU5713
1098 JACKSON ST
SAN FRANCISCO, CA 94133

ISSUE STATUS

△	DATE	DESCRIPTION	
	02/03/14	ZD 90%	C.C.
	04/11/14	CLIENT REV	C.C.
	04/14/14	ZD 100%	C.C.
	06/20/14	CLIENT REV	C.C.
	08/18/14	CD 90%	C.C.
	09/03/14	CLIENT REV	C.C.

DRAWN BY: C. CODY

CHECKED BY: J. GRAY

APPROVED BY: –

DATE: 09/03/14

Streamline Engineering and Design, Inc.
8445 Sierra College Blvd. Suite E Granite Bay, CA 95746
Contact: Kevin Sorensen Phone: 916-660-1930
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SHEET TITLE:

EMF REPORT

SHEET NUMBER:

T-3

SIGNAGE AND STRIPING INFORMATION

1. THE FOLLOWING INFORMATION IS A GUIDELINE WITH RESPECT TO PREVAILING STANDARDS LIMITING HUMAN EXPOSURE TO RADIO FREQUENCY ENERGY AND SHOULD BE USED AS SUCH. IF THE SITE'S EMF REPORT OR ANY LOCAL, STATE OR FEDERAL GUIDELINES OR REGULATION SHOULD BE IN CONFLICT WITH ANY PART OF THESE NOTES OR PLANS, THE MORE RESTRICTIVE GUIDELINE OR REGULATION SHALL BE FOLLOWED AND OVERRIDE THE LESSER.

2. THE PUBLIC LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS $1mWcm^2$ AND THE OCCUPATIONAL LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS $5mWcm^2$

3. IF THE BOTTOM OF THE ANTENNA IS MOUNTED (8) EIGHT FEET ABOVE THE GROUND OR ROOF LINE OF THE PERSONAL COMMUNICATION SYSTEM (PCS) AND DOES NOT EXCEED THE PUBLIC LIMIT OF RF EXPOSURE LIMIT THEN NO STRIPING OR BARRICADES SHOULD BE NEEDED.

4. IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR CANNOT BE LOCKED OR THERE IS AN EXISTING FIRE EGRESS), THEN BOTH BARRICADES AND STRIPING WILL BE NEEDED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING WILL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER THE CONSTRUCTION OF THE SITE. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.

5. IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS NOT EXCEEDED AND THE AREA IS NOT PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR IS LOCKED), THEN JUST STRIPING OUT TO THE PUBLIC LIMIT WILL BE NEEDED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE STRIPING WILL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER THE CONSTRUCTION OF THE SITE. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH STRIPING.

6. ALL TRANSMIT ANTENNAS REQUIRE A (3) THREE LANGUAGE WARNING SIGN WRITTEN IN ENGLISH, SPANISH, AND CHINESE. THIS SIGN WILL BE PROVIDED TO THE CONTRACTOR BY THE AT&T CONSTRUCTION MANAGER AT THE TIME OF CONSTRUCTION. THE LARGER SIGN SHALL BE PLACED AT ALL ROOF ACCESS LOCATIONS AND ON ALL BARRICADES IN PLAIN SIGHT AND THE SMALLER SIGN SHALL BE PLACED ON THE ANTENNAS THEMSELVES OR ON THE OUTSIDE OF THE ANTENNA ENCLOSURES IN A MANNER THAT IS EASILY SEEN BY ANY PERSON ON THE ROOF. WARNING SIGNS SHALL COMPLY WITH ANSI C95.2 COLOR, SYMBOL, AND CONTENT CONVENTIONS. ALL SIGNS WILL HAVE AT&T'S NAME AND THE COMPANY CONTACT INFORMATION (e.g. TELEPHONE NUMBER) TO ARRANGE FOR ACCESS TO THE RESTRICTED AREAS. THIS TELEPHONE NUMBER WILL BE PROVIDED TO THE CONTRACTOR BY THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION.

7. PHOTOS OF ALL STRIPING, BARRICADES, AND SIGNAGE WILL BE PART OF THE CONTRACTORS CLOSE OUT PACKAGE AND WILL BE TURNED INTO THE AT&T CONSTRUCTION PROJECT MANAGER AT THE END OF CONSTRUCTION. STRIPING SHALL BE DONE WITH FADE RESISTANT YELLOW SAFETY PAINT IN A CROSS HATCH PATTERN. ALL BARRICADES SHALL BE MADE OF AN RF FRIENDLY MATERIAL SO THAT THEY DO NOT BLOCK OR INTERFERE WITH THE OPERATION OF THE SITE AND SHALL BE PAINTED WITH FADE RESISTANT YELLOW SAFETY PAINT. THE CONTRACTOR SHALL PROVIDE ALL RF FRIENDLY BARRICADES NEEDED AND SHALL PROVIDE THE AT&T CONSTRUCTION PROJECT MANAGER WITH A DETAILED SHOP DRAWING OF EACH BARRICADE.

8. ALL REQUIRED SIGNAGE WILL BE INSTALLED AS NEEDED AND FIELD VERIFIED.

NOTICE TO WORKERS

RADIO FREQUENCY ANTENNAS ON THIS ROOF.
PLEASE EXERCISE CAUTION AROUND ANTENNAS AND OBEY POSTED SIGNS AND/OR MARKINGS. FOR ACCESS TO RESTRICTED AREAS OR FOR FURTHER INFORMATION, PLEASE CALL 1-800-832-6662 (SITE NUMBER: CNU5713)

IN ACCORDANCE WITH FCC RULES 47 CFR 1.1310

AVISO A TRABAJADORES

EXISTEN ANTENAS DE RADIOFRECUENCIA EN ESTE TECHO. POR FAVOR USE PRECAUCION ALREDOR DE LAS ANTENAS Y OBEDEZCA A LAS ZONAS RESTRINGIDAS O PARA OBTENER MAS INFORMACION, LLAME AL TELEFONO 1-800-832-6662 (NUMERO DE SITIO: CNU5713)

DE ACUERDO A LAS REGLAS DE FCC 47 CFR 1.1310

工作人員注意

此屋宇房頂有射頻天線裝置
在天線範圍四周務請小心,並遵照各已張貼之指示及/或標緻行事
如需進入禁區範圍或索取更多資料
請致電1-800-832-6662 此站區號: (CNU5713)

依據FCC條例第47 CFR1.1310 款執行

NOTES:

1. WARNING SIGN TO BE MOUNTED AT ANTENNA LOCATIONS.
2. SIGN SHALL COMPLY WITH ANSI C95.2 COLOR, SYMBOL, AND CONTENT CONVENTIONS.
3. SIGNAGE SHALL BE CLEARLY LABELED IN A PHENOLIC LABEL WITH A WHITE BACKGROUND AND BLACK LETTERING, AND SHALL BE READABLE FROM AT LEAST (15) FEET FROM THE SIGN.
4. PROPOSED 12"X20" PLASTIC SIGN

1 MULTI-LANGUAGE SIGN

NOTICE

Radio frequency fields beyond this point may exceed the FCC general public exposure limit.

Obey all posted signs and site guidelines for working in radio frequency environments.

In accordance with Federal Communications Commission rules on radio frequency emissions 47 CFR 1.1307(b)

SITE NO. CNU5713

2 TYPICAL CAUTION SIGN

NOTE: SIGN TO BE PERMANENTLY MOUNTED AT ANTENNA LOCATIONS.

NOTICE

GUIDELINES FOR WORKING IN RADIO FREQUENCY ENVIRONMENTS

- All personnel should have electromagnetic energy (EME) awareness training.
- All personnel entering this site must be authorized. Obey all posted signs.
- Assume all antennas are active. Before working on antennas, notify owners and disable appropriate transmitters.
- Maintain minimum 3 feet clearance from all antennas Do not stop in front of antennas. Use personal RF monitors while working near antennas.
- Never operate transmitters without shields during normal operation.
- Do not operate base station antennas in equipment rooms.

3 TYPICAL CAUTION SIGN

NOTE: SIGN TO BE PERMANENTLY MOUNTED TO THE STAIRWELL SIDE OF THE ROOF ACCESS

EMERGENCY SHUT DOWN

FOR IMMEDIATE SHUT DOWN OF ALL RADIO FREQUENCY EMISSIONS OF THIS SITE,

1) CALL CONTACT NUMBER AND GIVE SITE IDENTIFICATION NO.

CONTACT PHONE NUMBER: 1-800-832-6662
SITE IDENTIFICATION NUMBER: CNU5713

2) DISCONNECT POWER AT MAIN SERVICE DISCONNECT:

CONTRACTOR TO SUBMIT PROPOSED WRITTEN DIRECTIONS FOR EACH OF (5) SIGNS TO PROJECT CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO ORDERING SIGNS

3) DISCONNECT BACK-UP POWER AT BATTERY DISCONNECT:

CONTRACTOR TO SUBMIT PROPOSED WRITTEN DIRECTIONS FOR EACH OF (5) SIGNS TO PROJECT CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO ORDERING SIGNS

SIGN SHALL BE A PHENOLIC LABEL WITH WHITE BACKGROUND AND BLACK LETTERING. THE TITLE BLOCK SHALL BE A RED BACKGROUND AND 1" HIGH WHITE LETTERING.

4 TYPICAL DISCONNECT SIGN

NOTE: SIGN TO BE PERMANENTLY MOUNTED AT THE FOLLOWING LOCATIONS;
1) CELL SITE EQUIPMENT ROOM DOOR
2) BATTERY LOCATION WITHIN PROXIMITY OF BATTERY DISCONNECT
3) FCC (FIRE CONTROL CENTER) ROOM WITHIN PROXIMITY OF THE FIRE ALARM PANEL
4) BUILDING'S MAIN ELECTRICAL ROOM WITHIN PROXIMITY OF THE MAIN SHUTOFF
5) THE CELL SITE MAIN ELECTRICAL DISCONNECT

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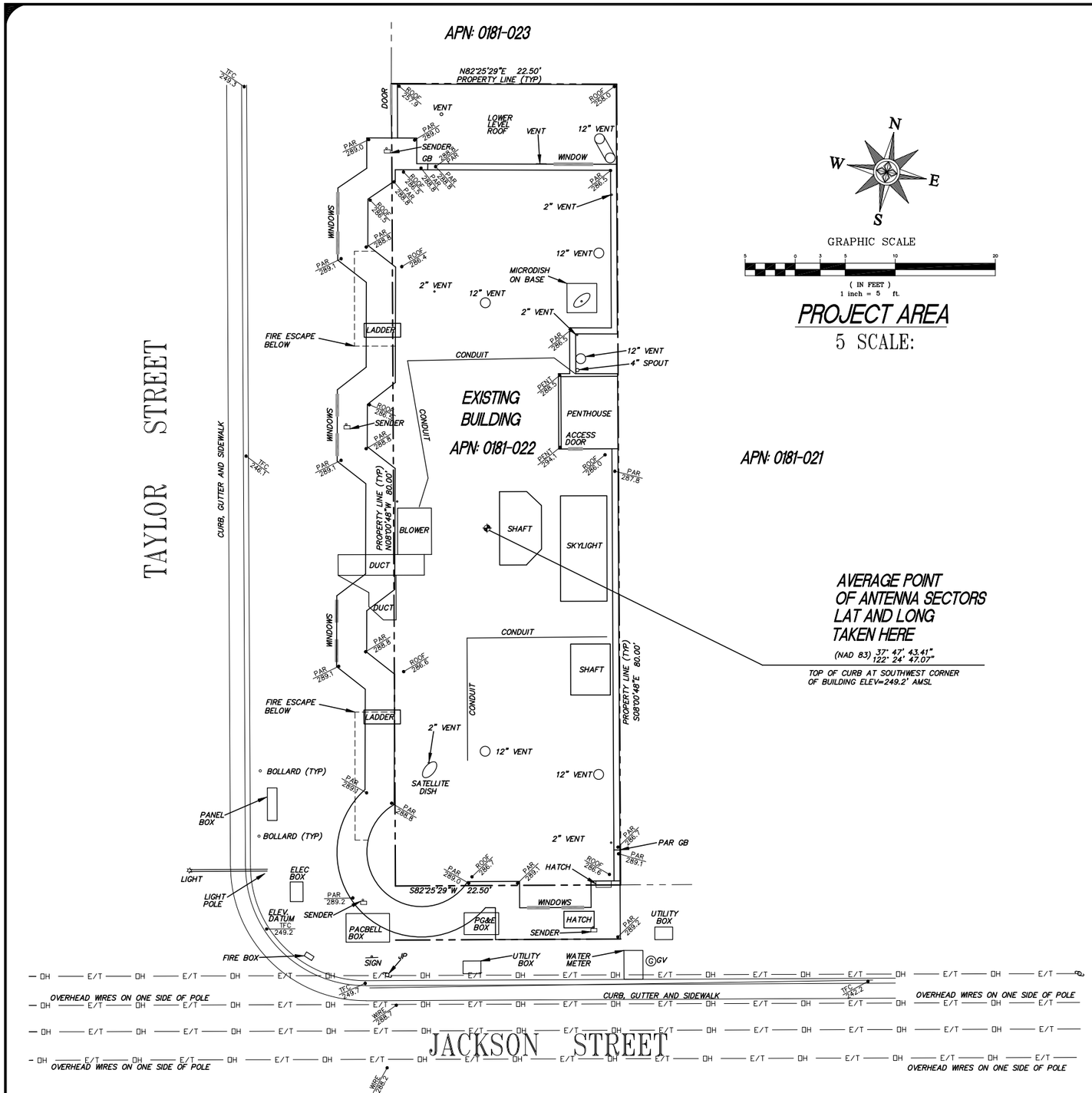
SHEET TITLE:
SIGNAGE DETAILS

SHEET NUMBER:
T-4



VICINITY MAP
N.T.S.

PROPERTY INFORMATION

OWNER: AETNA APARTMENTS LLC
ADDRESS: 32 THOMAS DRIVE
MILL VALLEY, CA 94941

SITE: CLAY & TAYLOR
1098 JACKSON STREET
SAN FRANCISCO, CA 94133-4759

ASSESSOR'S PARCEL NUMBER: APN: 0181-022
EXISTING GROUND ELEVATION: *TOP OF CURB AT SOUTHWEST CORNER OF BUILDING ELEV=249.2' AMSL*

LESSOR'S LEGAL DESCRIPTION

THE LAND IS SITUATED IN THE COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA, RECORDED AUGUST 6, 2002 IN DOCUMENT NUMBER H215694.

NO EASEMENTS DESCRIBED ON SAID DOCUMENT CONFLICT WITH THE PROPOSED PROJECT AREA.

BASIS OF BEARING

BEARINGS SHOWED HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM ***STATE PLANE COORDINATE ZONE 3***, DETERMINED BY GPS OBSERVATIONS.

BENCHMARK

ELEVATION ESTABLISHED FROM GPS DERIVED ORTHOMETRIC HEIGHTS, APPLYING GEOID 99 SEPARATIONS, CONSTRAINING TO NGS CONTROL STATION 'LUTZ' ELEVATION=450.0' (NAVD88)

TITLE REPORT

NO TITLE REPORT WAS PROVIDED.

SURVEY DATE

01/15/14

SURVEYOR'S NOTES

ALL EASEMENTS CONTAINED IN SAID TITLE REPORT AFFECTING THE IMMEDIATE AREA SURROUNDING THE LEASE HAVE BEEN PLOTTED. SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE ISSUED. THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.

UTILITY NOTES

SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT U.S.A. AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/ OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

LEGEND

P.O.B. POINT OF BEGINNING
VC&G VERTICAL CURB AND GUTTER
R/W RIGHT OF WAY
AC ASPHALT
D/W ACCESS DRIVEWAY
TOS TOP OF SLOPE
SW SIDEWALK
TOP TOP OF PARAPET
TW TOP OF WALL
LOT NUMBER
GEODETIC COORDINATES
SPOT ELEVATION
DISH ANTENNA
WV WATER CONTROL VALVE
FH FIRE HYDRANT
GUY CONDUCTOR
FOUND AS NOTED
POWER POLE
LIGHT POLE
ELECTRICAL TRANSFORMER
AIR CONDITIONING UNIT
TELEPHONE PEDESTAL
TELEPHONE VAULT
TELEPHONE MANHOLE
GAS VALVE
GAS METER
PROPERTY LINE
CHAIN LINK FENCE
MONOPOLE

ISSUE STATUS

REV.	DESCRIPTION	DATE
.	SITE PLAN	1/24/2014

HAYES
Land Surveying And Mapping
2850 HADIGAN COURT
CONCORD, CA 94518

LICENSED LAND SURVEYOR
TIMOTHY K. HAYES
Tod Hayes
No. 7868
EXP 12/31/15
STATE OF CALIFORNIA

at&t
2600 CAMINO RAMON
4TH FLOOR, WEST WING
SAN RAMON, CA 94583

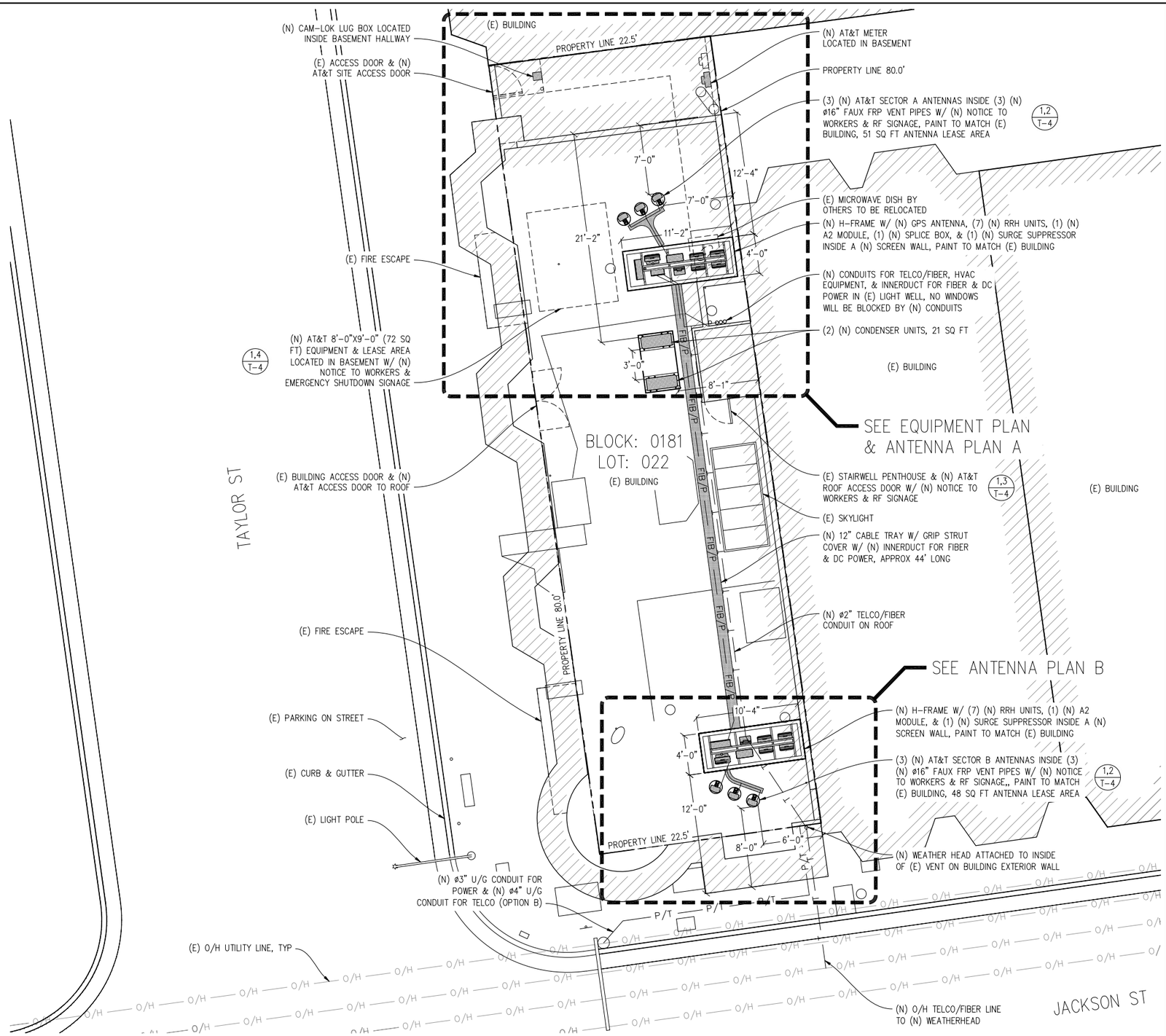
TOPOGRAPHIC SURVEY
EXISTING CONDITIONS

CN5713
CLAY + TAYLOR
1098 JACKSON STREET
SAN FRANCISCO, CA

LS-1
SHEET 1 of 1

PROJECT GENERAL NOTES

1. THIS FACILITY IS AN UNOCCUPIED WIRELESS TELECOMMUNICATION FACILITY.
2. PLANS ARE NOT TO BE SCALED AND ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE.
3. THE SCOPE OF WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
4. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTORS SHALL VISIT THE JOB SITE AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS, AND CONFIRM THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PAY FOR PERMIT FEES, AND TO OBTAIN SAID PERMITS AND TO COORDINATE INSPECTIONS.
6. THE CONTRACTOR SHALL RECEIVE, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
7. CALL BEFORE YOU DIG. CONTRACTOR IS REQUIRED TO CALL 811 (NATIONWIDE "CALL BEFORE YOU DIG" HOTLINE) AT LEAST 72 HOURS BEFORE DIGGING.
8. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK.
9. THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE BEST SKILLS AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. CONTRACTOR SHALL ALSO COORDINATE ALL PORTIONS OF THE WORK UNDER THE CONTRACT; INCLUDING CONTACT AND COORDINATION WITH THE CONSTRUCTION MANAGER AND WITH THE LANDLORD'S AUTHORIZED REPRESENTATIVE.
10. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, PAVING, CURBS, GALVANIZED SURFACES, ETC., AND UPON COMPLETION OF WORK, REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF THE PROJECT MANAGER.
11. KEEP GENERAL AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS AND RUBBISH. REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
12. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED, OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.
13. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND ALL OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK SHALL BE PROTECTED AT ALL TIMES.
14. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
15. THE CONTRACTOR SHALL PROVIDE A TOILET FACILITY DURING ALL PHASES OF CONSTRUCTION.
16. SUFFICIENT MONUMENTATION WAS NOT RECOVERED TO ESTABLISH THE POSITION OF THE BOUNDARY LINES SHOWN HEREON. THE BOUNDARY REPRESENTED ON THIS MAP IS BASED ON COMPILED RECORD DATA AND BEST FIT ONTO EXISTING IMPROVEMENTS. IT IS POSSIBLE FOR THE LOCATION OF THE SUBJECT PROPERTY TO SHIFT FROM THE PLACEMENT SHOWN HEREON WITH ADDITIONAL FIELD WORK AND RESEARCH. THEREFORE ANY SPATIAL REFERENCE MADE OR SHOWN BETWEEN THE RELATIONSHIP OF THE BOUNDARY LINES SHOWN HEREON AND EXISTING GROUND FEATURES, EASEMENTS OR LEASE AREA IS INTENDED TO BE APPROXIMATE AND IS SUBJECT TO VERIFICATION BY RESOLVING THE POSITION OF THE BOUNDARY LINES.
17. THE CONTRACTOR TO VERIFY THE LATEST/CURRENT RF DESIGN.
18. WHERE APPLICABLE, CONTRACTOR SHALL PROVIDE SEPARATE PLANS, SPECIFICATIONS, FEES AND PERMITS FOR ANY REVISION TO ANY FIRE SPRINKLER AND/OR ALARM SYSTEM ON THE PREMISES AS MAY BE NEEDED TO COMPLETE THE WORK DEPICTED HEREIN, USING A C-10 LICENSED SUBCONTRACTOR FOR ALL SUCH WORK.



SITE PLAN

1"=5'-0"

PROPOSED BATTERIES

BATTERY TYPE:		MARATHON M12V155FT	
NUMBER OF UNITS W/BATTERIES		2	
TOTAL NUMBER OF BATTERIES :		16	
MATERIAL:	ELECTROLYTE	VOLUME: 2.17 GALLONS	BATTERY TOTAL: 34.72 GALLONS
MATERIAL:	ACID	WEIGHT: 9.98 LBS	BATTERY TOTAL: 159.68 LBS
MATERIAL:	LEAD	WEIGHT: 81.0 LBS	BATTERY TOTAL: 1,296 LBS

NOTE: A SEPARATE PERMIT SHALL BE REQUIRED FROM S.F.F.D. IF BATTERY ELECTROLYTE EXCEEDS 50 GALLONS

CLAY & TAYLOR

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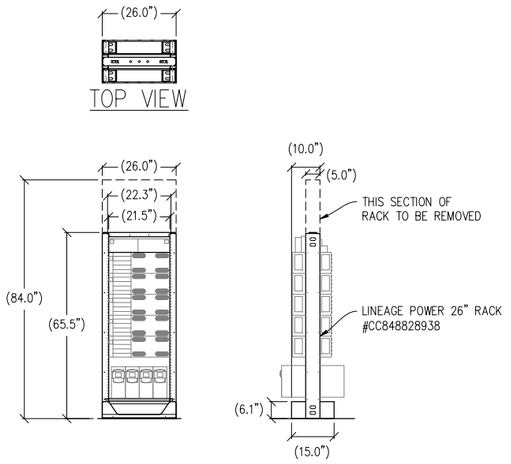
SHEET TITLE:

SITE PLAN

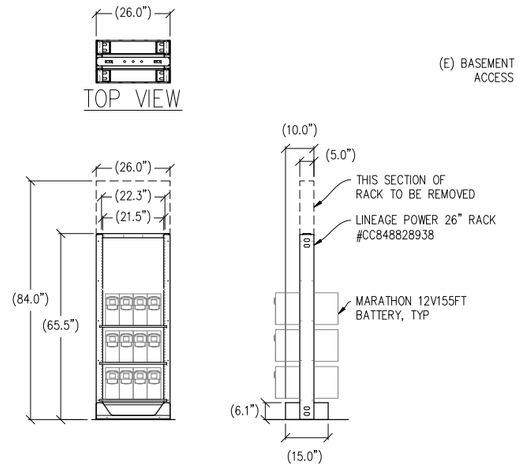
SHEET NUMBER:

A-1



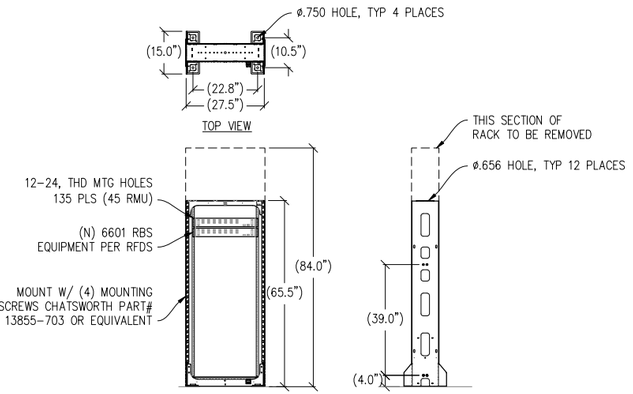
1 DC POWER 26" RACK DETAIL

½"=1'-0" MAX WEIGHT: 1150 LBS



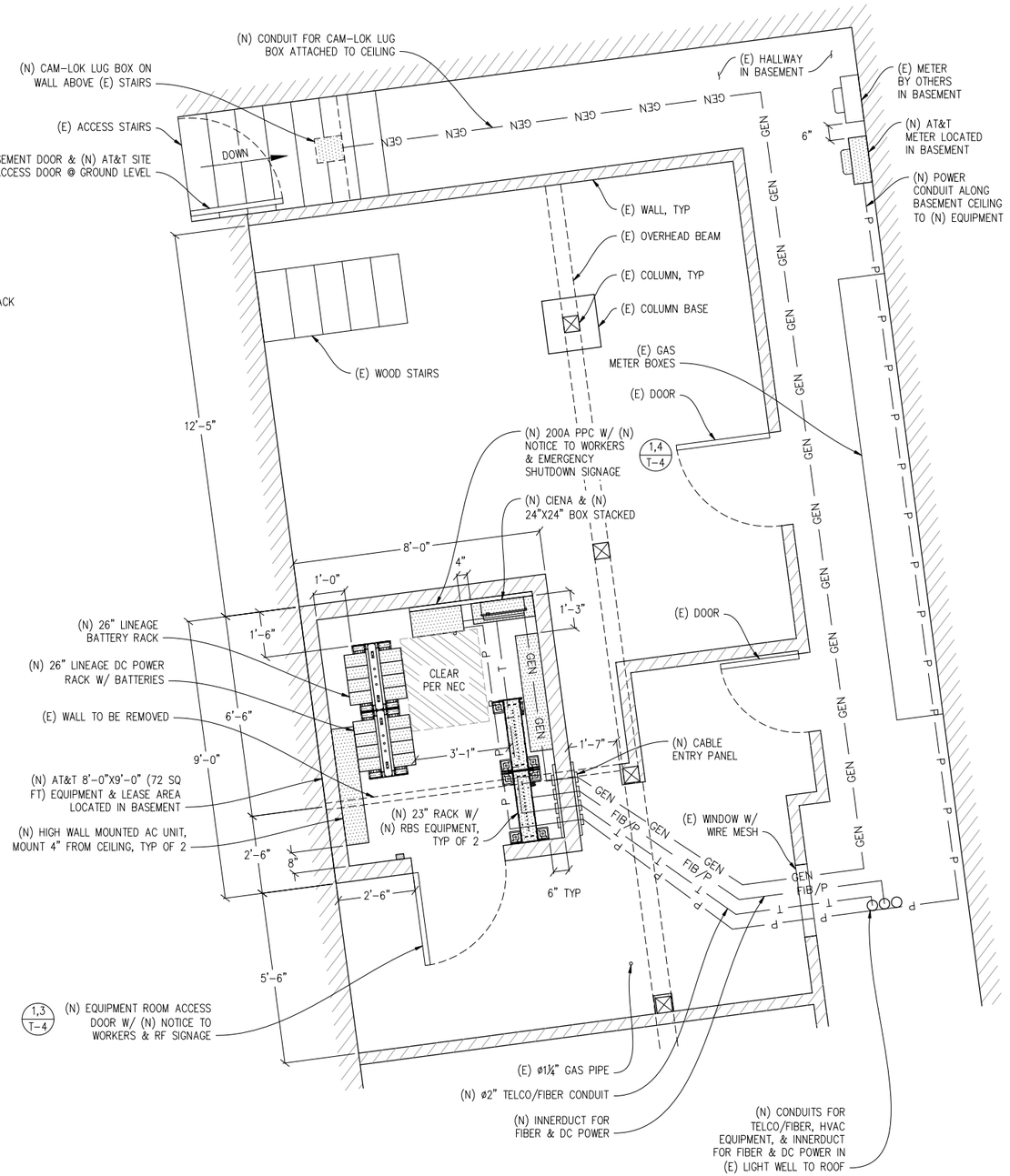
2 26" BATTERY RACK DETAIL

½"=1'-0" MAX WEIGHT: 2550 LBS



3 23" SEISMIC RACK W/ 6601 DETAIL

½"=1'-0"



EQUIPMENT PLAN

½"=1'-0"

0 6" 1' 2' 3' 5' 7' 10'

NOTE: ALL NEW RACKS MUST BE CUT SHORT

(N) EQUIPMENT LIST

(1) PPC
(1) DC POWER PLANT
(1) BATTERY RACK
(2) 23" RACKS W/ (N) RBS EQUIPMENT
(2) AIR HANDLERS
(1) CIENA UNIT
(1) 24"X24" BOX

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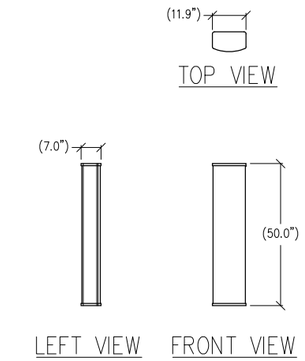
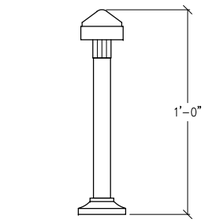
SHEET TITLE:
EQUIPMENT PLAN & DETAILS

SHEET NUMBER:
A-2



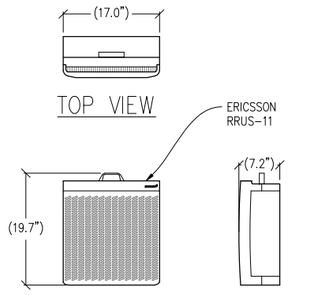
1 ANTENNA DETAIL

½"=1'-0"



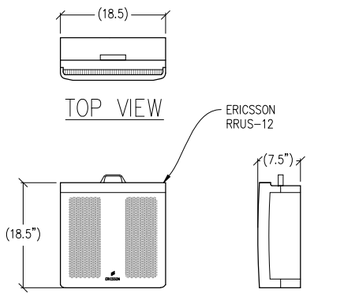
2 GPS DETAIL

3"=1'-0"



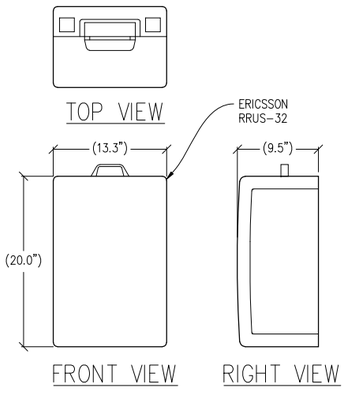
3 RRUS-11 DETAIL

1"=1'-0" MAX WEIGHT: 50 LBS



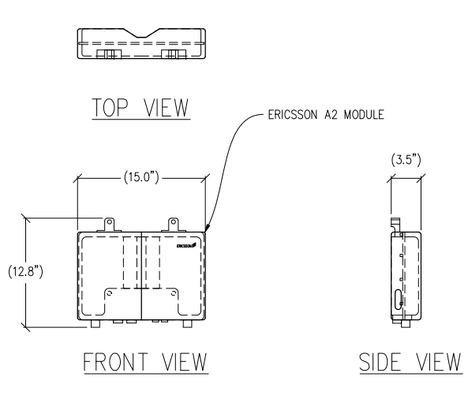
4 RRUS-12 DETAIL

1"=1'-0" MAX WEIGHT: 57.5 LBS



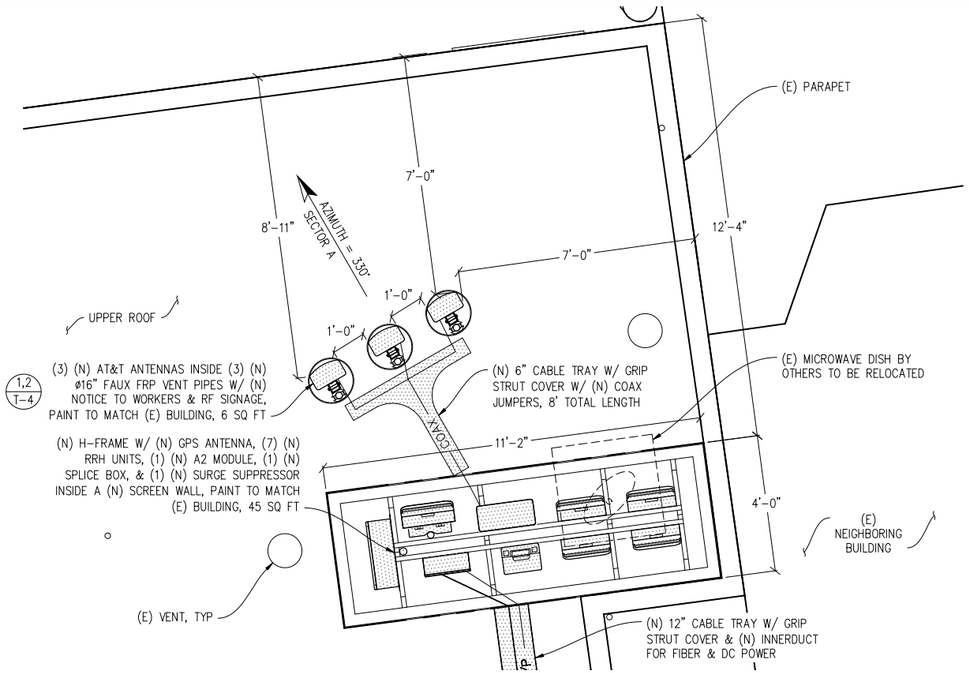
5 RRUS-32 DETAIL

1½"=1'-0" MAX WEIGHT: 77 LBS



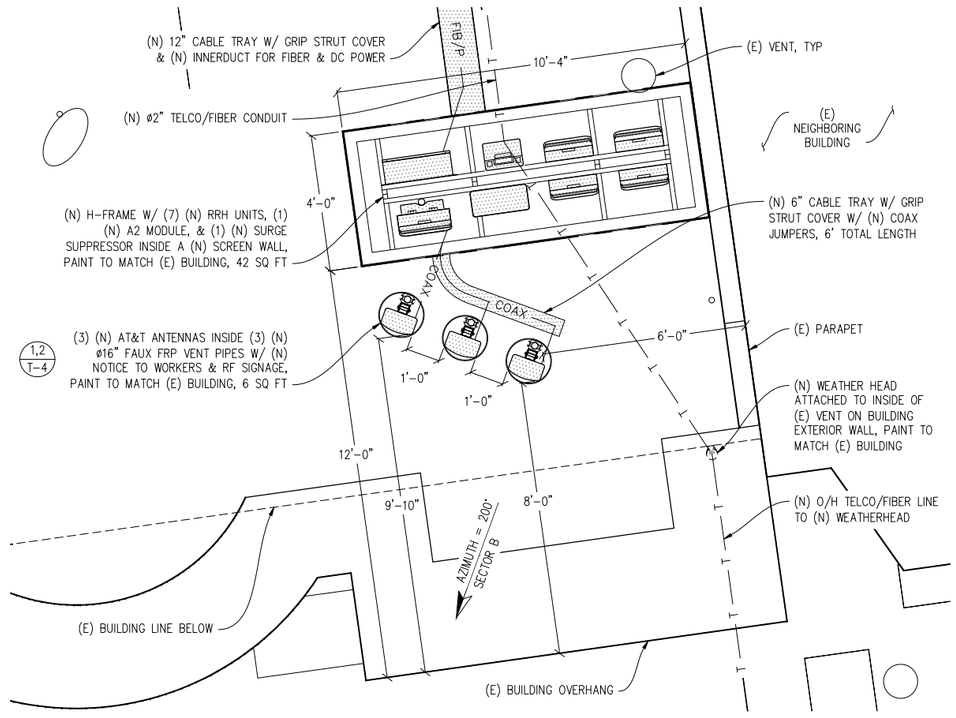
6 A2 MODULE DETAIL

1½"=1'-0" MAX WEIGHT: 22 LBS



ANTENNA PLAN A

½"=1'-0"



ANTENNA PLAN B

½"=1'-0"

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	08/18/14	CD 90%	C.C.
	09/03/14	CLIENT REV	C.C.

DRAWN BY:	C. CODY
CHECKED BY:	J. GRAY
APPROVED BY:	–
DATE:	09/03/14

Streamline Engineering and Design, Inc.
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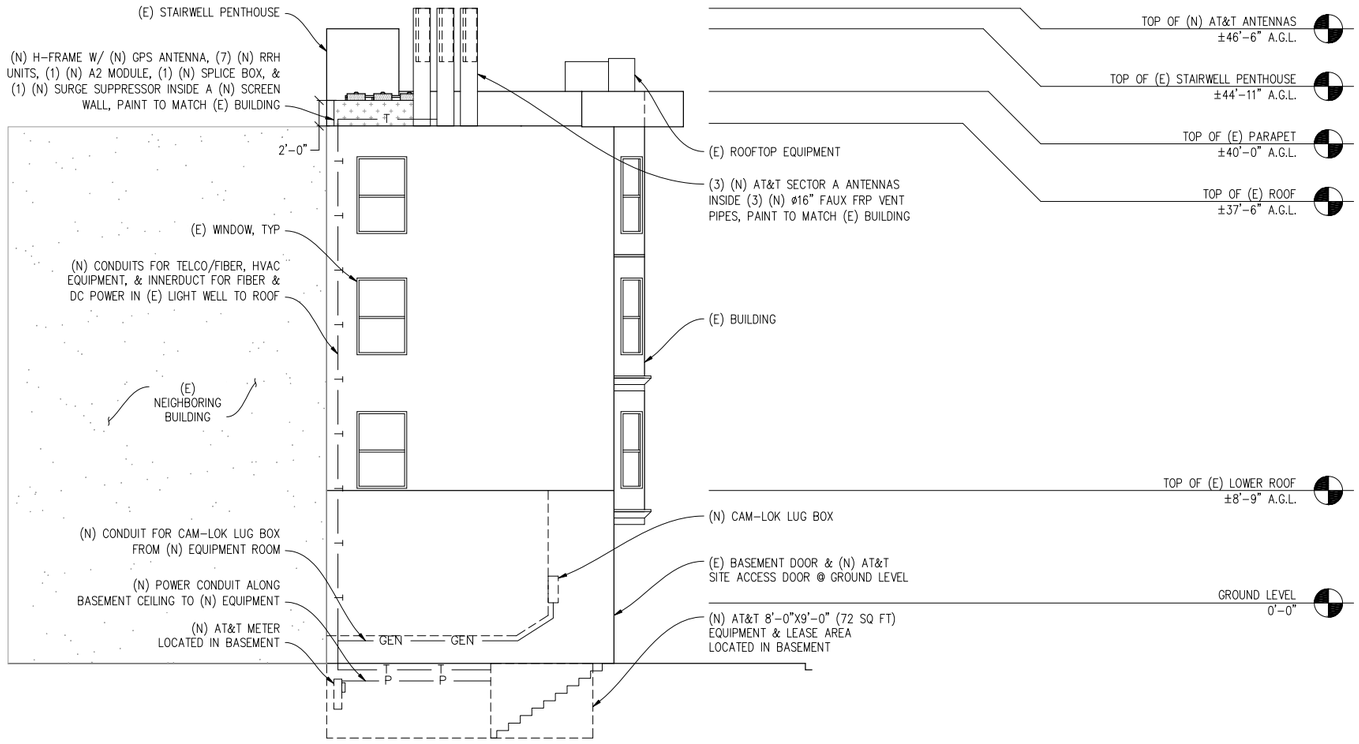
SHEET TITLE:
ANTENNA PLANS & DETAILS

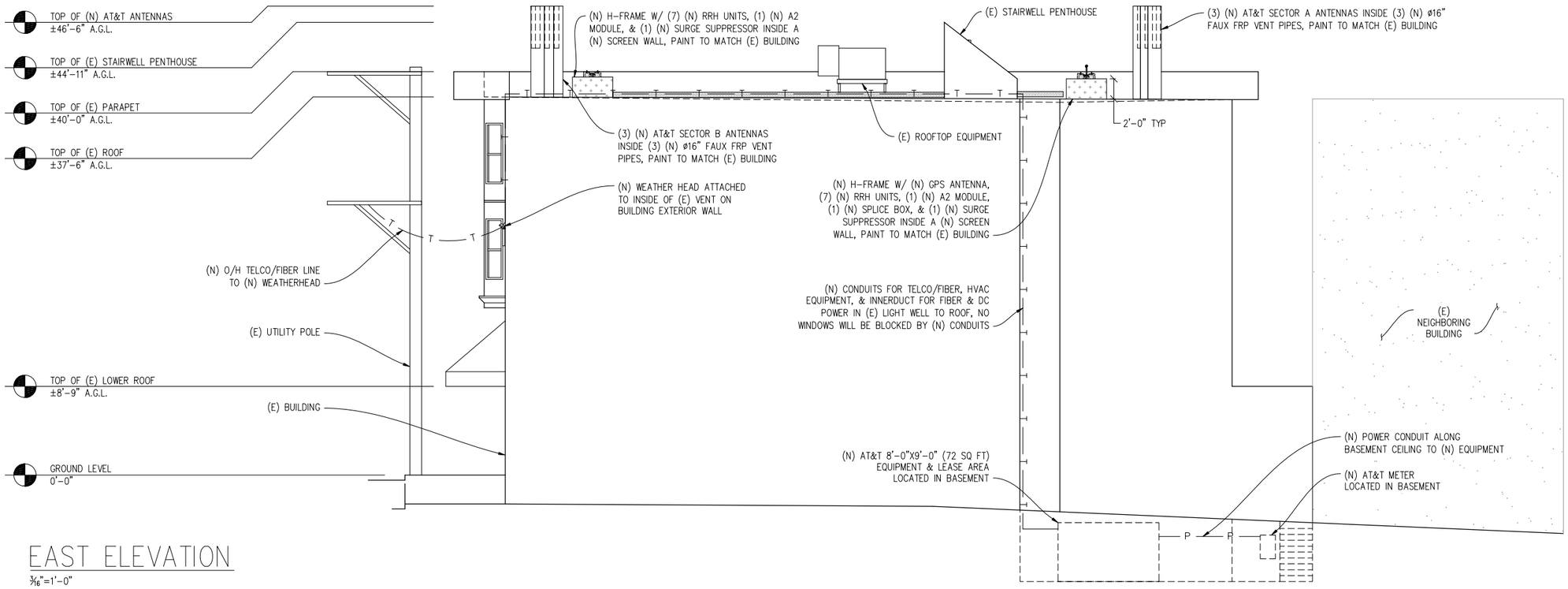
SHEET NUMBER:
A-3



NORTH ELEVATION

3/16"=1'-0"

VIEW FROM PACIFIC AVE



EAST ELEVATION

3/16"=1'-0"

VIEW FROM MASON ST

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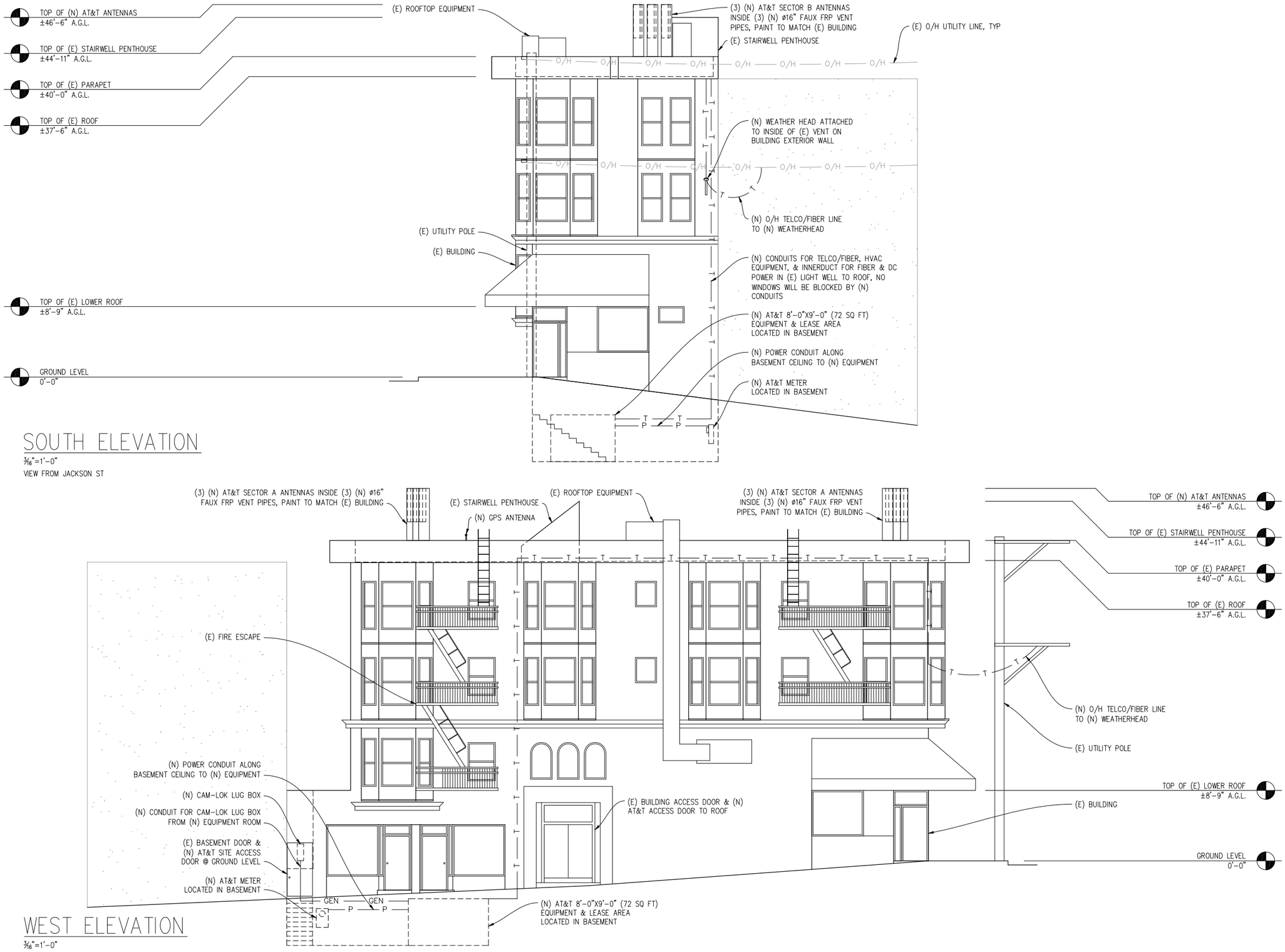
SHEET TITLE:

ELEVATIONS

SHEET NUMBER:

A-4



SOUTH ELEVATION

3/16"=1'-0"

VIEW FROM JACKSON ST

WEST ELEVATION

3/16"=1'-0"

VIEW FROM TAYLOR

CLAY & TAYLOR

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DRAWN BY:	C. CODY
CHECKED BY:	J. GRAY
APPROVED BY:	–
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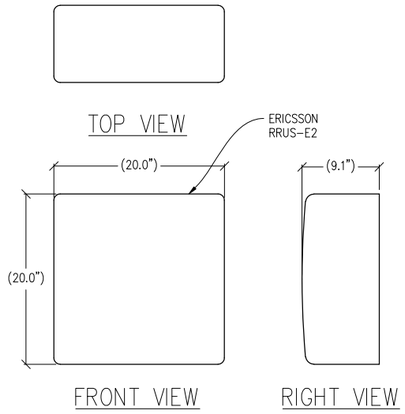
SHEET TITLE:

ELEVATIONS

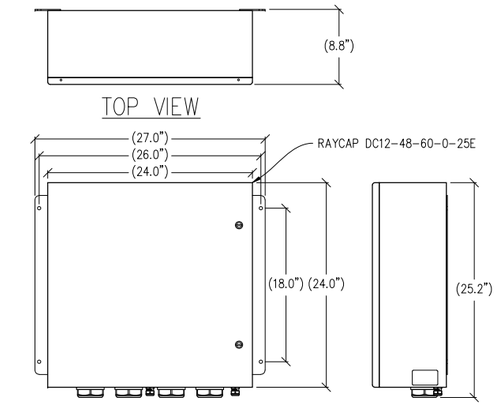
SHEET NUMBER:

A-5



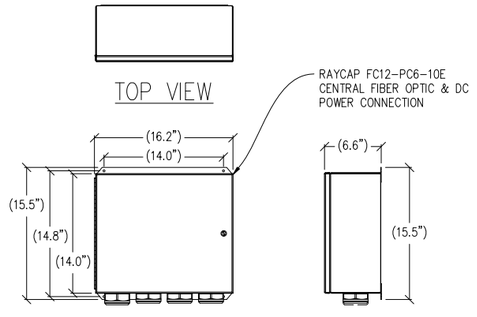
1 RRUS-E2 DETAIL

1½"=1'-0" MAX WEIGHT: 71.5 LBS



2 SURGE SUPPRESSION DETAIL

1½"=1'-0" MAX WEIGHT: 56.3 LBS



3 SPLICE BOX DETAIL

1½"=1'-0" MAX WEIGHT: 20.4 LBS

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DRAWN BY: C. CODY

CHECKED BY: J. GRAY

APPROVED BY: –

DATE: 09/03/14

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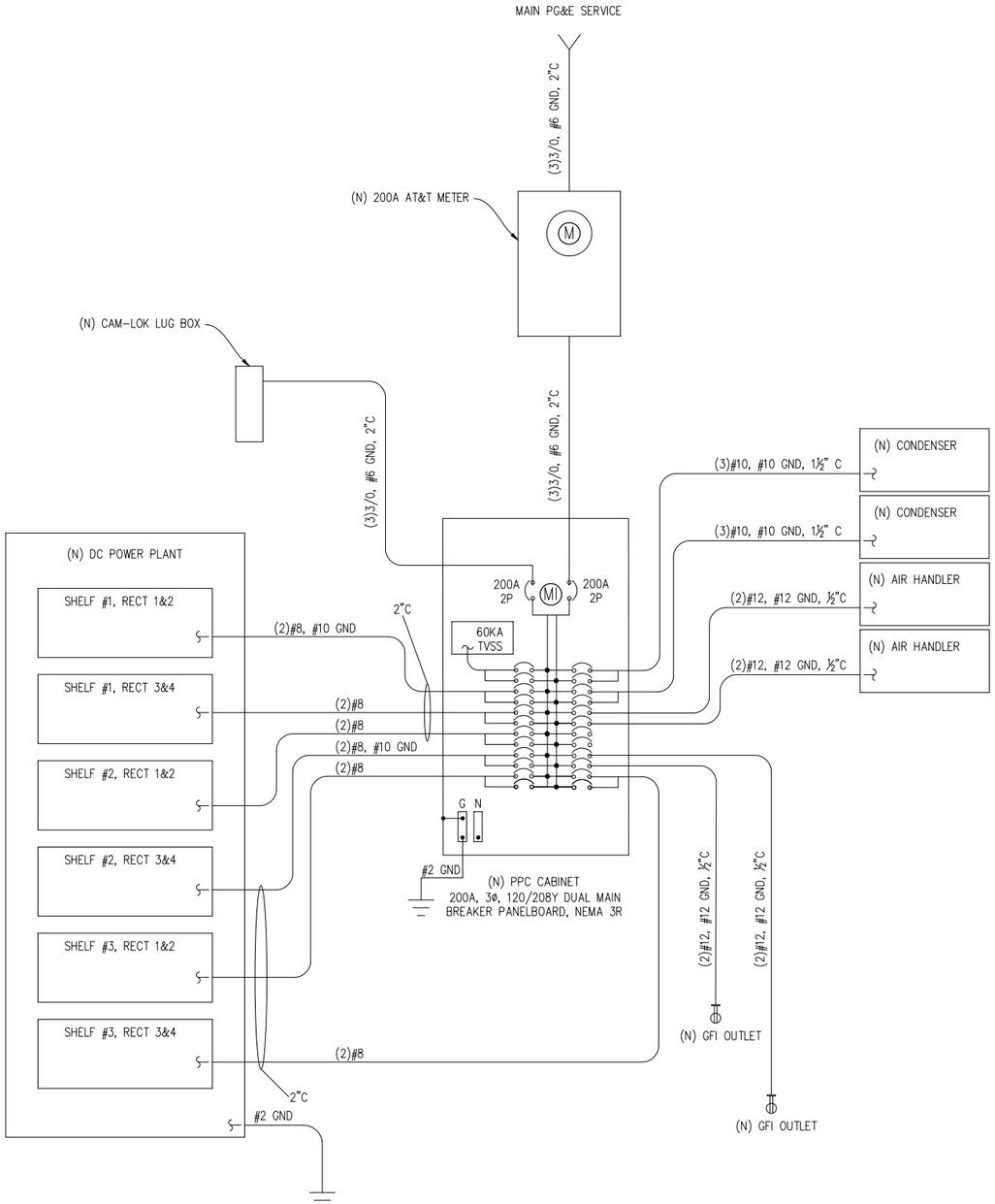
SHEET TITLE:

DETAILS

SHEET NUMBER:

A-6



ELECTRIC LEGEND

- MI — MECHANICAL INTERLINK
- M — METER
- CIRCUIT BREAKER
- SERVICE GROUND
- WIRED CONNECTION
- TIMER SWITCH, WATERPROOF
- OUTDOOR LIGHT
- GFI OUTLET, WATERPROOF

ELECTRICAL NOTES

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE CEC AS WELL AS ALL APPLICABLE STATE AND LOCAL CODES.
2. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT, CONDUCTORS, PULL BOXES, TRANSFORMER PADS, POLE RISERS, AND PERFORM ALL TRENCHING AND BACKFILLING REQUIRED IN THE PLANS.
3. ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PROCURED PER PLAN SPECIFICATIONS.
4. ALL CIRCUIT BREAKERS, FUSES, AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTION RATING NOT LESS THAN THE MAXIMUM SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECTED WITH A MINIMUM OF 10,000 A.I.C. OR AS REQUIRED.
5. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY ALL APPLICABLE CODES.
6. ELECTRICAL WIRING SHALL BE COPPER #12 MIN WITH TYPE XHHW, THWN, OR THHN INSULATION.
7. ALL OUTDOOR EQUIPMENT SHALL HAVE NEMA 3R ENCLOSURE.
8. ALL BURIED WIRE SHALL RUN THROUGH SCHEDULE 40 PVC CONDUIT UNLESS OTHERWISE NOTED.
9. A GROUND WIRE IS TO BE PULLED IN ALL CONDUITS.
10. WHERE ELECTRICAL WIRING OCCURS OUTSIDE A STRUCTURE AND HAS THE POTENTIAL FOR EXPOSURE TO WEATHER, WIRING SHALL BE IN WATERTIGHT GALVANIZED RIGID STEEL OR FLEXIBLE CONDUIT.

PANEL SCHEDULE

NAMEPLATE : PANEL A				SC LEVEL : 10,000				VOLTS: 120V/208V, 3ø			
LOCATION : INSIDE								BUS AMPS: 225A			
MOUNTING : WALL								MAIN CB: 200A			
øA	øB	øC		BKR AMP/ POLE	CIRCUIT NO		BKR AMP/ POLE		øA	øB	øC
LOAD VA	LOAD VA	LOAD VA	LOAD DESCRIPTION					LOAD DESCRIPTION	LOAD VA	LOAD VA	LOAD VA
30			SURGE ARRESTOR	60/2	1	2	25/2	CONDENSER	1632		
	30		" "	–	3	4	–	" "		1632	
		1508	SHELF #1, RECT 1 & 2	40/2	5	6	25/2	CONDENSER			1632
1508			" "	–	7	8	–	" "	1632		
	1508		SHELF #1, RECT 3 & 4	40/2	9	10	20/1	AIR HANDLER		64	
		1508	" "	–	11	12	20/1	AIR HANDLER			64
1508			SHELF #2, RECT 1 & 2	40/2	13	14	–	OPEN			
	1508		" "	–	15	16	–	OPEN			
		1508	SHELF #2, RECT 3 & 4	40/2	17	18	20/1	GFI			150
1508			" "	–	19	20	20/1	GFI	150		
	1508		SHELF #3, RECT 1 & 2	40/2	21	22	40/2	SHELF #3, RECT 3 & 4		1508	
		1508	" "	–	23	24	–	" "			1508
4554	4554	6032	PHASE TOTALS					PHASE TOTALS	3414	3204	3354
TOTAL VA =	25112		TOTAL AMPS =	121							

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	08/18/14	CD 90%	C.C.
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DRAWN BY: C. CODY
CHECKED BY: J. GRAY
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SHEET TITLE:
ELECTRICAL PLAN

SHEET NUMBER:
E-1

GROUNDING NOTES

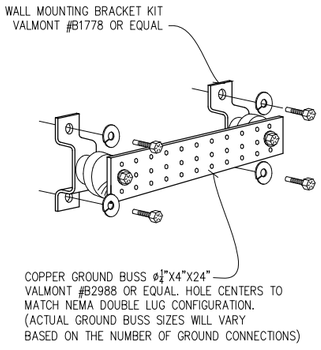
1. GROUNDING SHALL COMPLY WITH NEC ART. 250.
2. USE #2 COPPER STRANDED WIRE WITH GREEN COLOR INSULATION FOR ABOVE GRADE GROUNDING (UNLESS OTHERWISE SPECIFIED) AND #2 SOLID TINNED BARE COPPER WIRE FOR BELOW GRADE GROUNDING AS INDICATED ON THE DRAWING.
3. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
4. EXPOSED GROUNDING CONNECTIONS SHALL BE MADE WITH BURNDY HYGROUND COMPRESSION TYPE CONNECTORS OR EXOTHERMIC WELDS AS SPECIFIED IN THE PLANS.
5. CONNECTIONS TO EQUIPMENT SHALL BE MADE USING STAINLESS STEEL HARDWARE.
6. APPLY BUTYL & ELECTRICAL TAPE OVER COLD SHRINK AT ALL LOCATIONS FOR WEATHER PROOFING OVER COAX GROUND KITS.
7. CONNECTIONS TO GROUND BARS SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS WITH STAR WASHERS AND NO-OX OR EQUIVALENT PLACED BETWEEN CONNECTOR AND GROUND BAR.
8. ROUTE GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE, EXCEPT AS OTHERWISE INDICATED. GROUNDING LEADS SHOULD NEVER BE BENT AT RIGHT ANGLES. ALWAYS MAKE A 12" RADIUS BEND, HOWEVER, #6 WIRE CAN BE BENT AT A 6" RADIUS WHEN NECESSARY.
9. THE SYSTEM GROUND RESISTANCE MUST BE 10 OHMS OR LESS. TO ACHIEVE THIS LEVEL OF RESISTANCE THE CONTRACTOR SHALL PURSUE ONE OF THE FOLLOWING FOUR OPTIONS:

   A. CONNECT TO EXISTING GROUNDING SYSTEMS
   B. CONNECT TO BUILDING STEEL COLUMNS
   C. INSTALL A NEW GROUNDING SYSTEM

   UPON COMPLETION OF THE GROUNDING INSTALLATION THE CONTRACTOR SHALL EMPLOY AN OWNER APPROVED 3RD PARTY TO CONDUCT A "FALL OF POTENTIAL" TEST AND SUBMIT A REPORT OF SUCH TEST FOR APPROVAL TO EITHER THE OWNER OR CONSTRUCTION MANAGER.

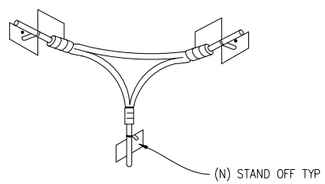
GROUND LEGEND

- ● MECHANICAL CONNECTION
- ▼ EXOTHERMIC CADWELD
- —IGR— INTERNAL GROUND HALO
- —SGI— GROUND WIRE #2 STRANDED GREEN INSULATED WIRE



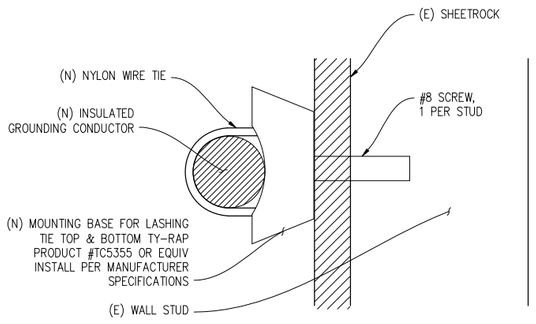
1 GROUND BUSS DETAIL
NOT TO SCALE

HORIZONTAL NONDIRECTIONAL
SPLICE FOR CONNECTION
SUPPLEMENTARY BUS TO HALO



ISOMETRIC VIEW OF VERTICAL
NONDIRECTIONAL SPLICE CORNER INSTALLATION

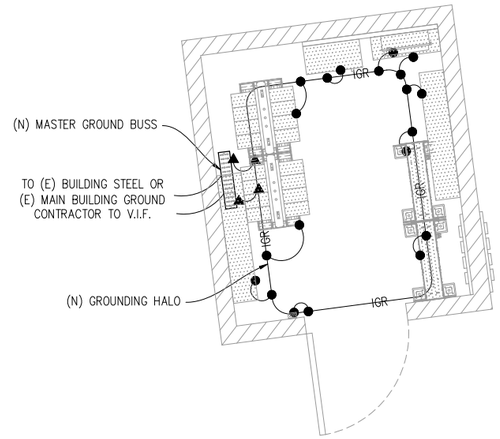
2 HALO RING DETAIL
NOT TO SCALE



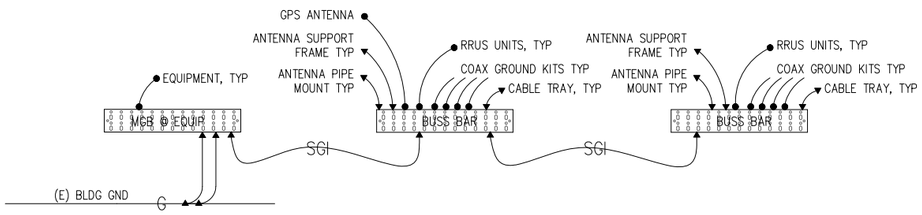
NOTE:
THIS WALL ANCHOR SHALL BE USED
FOR CONDUCTORS OCCURING OUTSIDE CONDUIT.
THE CONDUCTOR SHALL BE SUPPORTED 2' O.C. MAX

IGR (HALO) CONDUCTOR
SUPPORT MOUNT

3 NOT TO SCALE



GROUNDING PLAN
½"=1'-0"



GROUND BUSS CONNECTION DIAGRAM
NOT TO SCALE

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	08/18/14	CD 90%	C.C.
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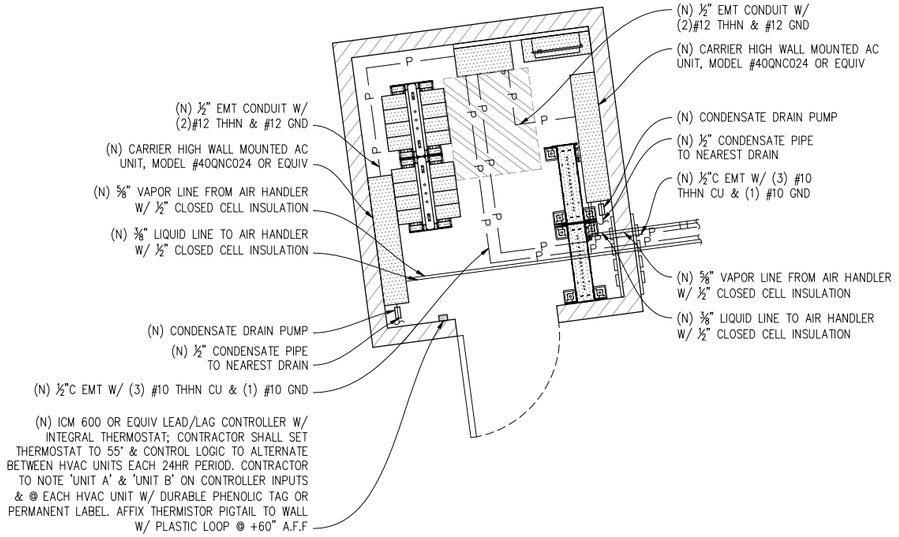
SHEET TITLE:
GROUNDING PLAN
& DETAILS

SHEET NUMBER:
E-2

HVAC GENERAL NOTES

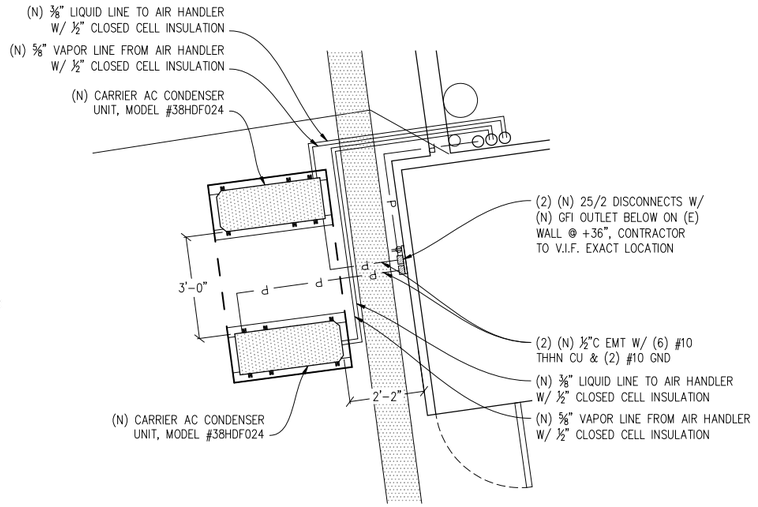
1. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH THE BEST ASHRAE AND INDUSTRIAL STANDARDS.
2. ALL HVAC WORK SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL BUILDING CODES AND FEDERAL CODES HAVING JURISDICTION OVER THE CONSTRUCTION.
3. CONTRACTOR SHALL EXAMINE THE PROJECT SITE AND DISCUSS GENERAL REQUIREMENTS OF BUILDING AND WORK PERFORMANCE WITH THE PROJECT MANAGER. CONTRACTOR SHALL COORDINATE HIS WORK WITH THE WORK OF OTHERS ON THE PROJECT. CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS AND PROVIDE ALL LABOR AND MATERIALS TO MAKE A WORKABLE AND USEABLE SYSTEM.
4. CONTRACTOR IS TO REPORT TO PROJECT MANAGER ANY OBSERVATIONS OR CONDITIONS WHICH ARE DISCOVERED IN THE BUILDING WHICH WOULD PREVENT THE FULLEST USE OF THE HVAC SYSTEM.
5. IT IS NECESSARY TO USE SEAMLESS COPPER PIPES AND IT IS DESIRABLE THAT THE AMOUNT OF RESIDUAL OIL IS LESS THAN 40 MG/10M. DO NOT USE COPPER PIPES HAVING A COLLAPSED, DEFORMED OR DISCOLORED PORTION (ESPECIALLY ON THE INTERIOR SURFACE). OTHERWISE, THE EXPANSION VALUE OR CAPILLARY TUBE MAY BECOME BLOCKED WITH CONTAMINANTS.
6. CONTRACTOR SHALL ARRANGE AND PAY FOR ALL FEES, PERMITS, AND INSPECTIONS CONCERNING THE WORK.
7. ISOLATE ALL HVAC UNITS/FANS AND EQUIPMENT FROM STRUCTURE WITH APPROVED ISOLATION MOUNTS.
8. ALL WEATHER EXPOSED EQUIPMENT, DUCTS, ETC., SHALL BE COMPLETELY WEATHERPROOFED. PROVIDE LEAD FLASHINGS FOR PIPE PENETRATIONS THROUGH ROOF. PATCH ROOFING AT CURBS AND PENETRATIONS.
9. SEER RATING AND HEATING COMBUSTION EFFICIENCY RATING OF EACH HVAC UNIT SHALL COMPLY WITH STATE REQUIREMENTS.
10. INSTALL CONDENSATE DRAIN LINES AWAY FROM ALL ELECTRICAL, RADIO, AND TELEPHONE EQUIPMENT.
12. WHEN CHARGING THE REFRIGERANT, TAKE INTO ACCOUNT THE SLIGHT CHANGE IN THE COMPOSITION OF THE GAS AND LIQUID PHASES, AND ALWAYS CHARGE FROM THE LIQUID PHASE SIDE WHOSE COMPOSITION IS STABLE.
13. ALL HVAC EQUIPMENT SHALL BE SEISMICALLY BRACED PER LOCAL REQUIREMENTS.



EQUIPMENT ROOM MECHANICAL PLAN

½"=1'-0"

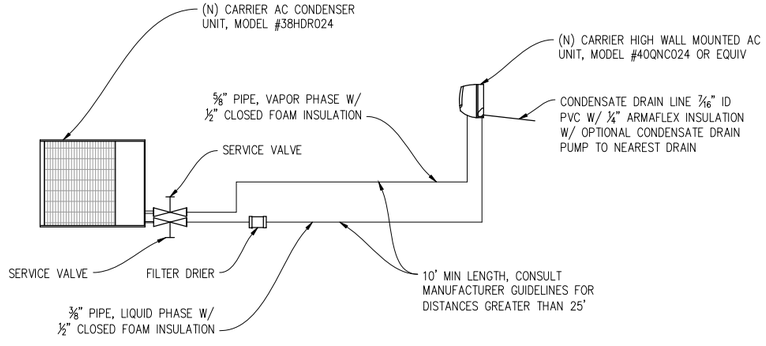
0 6" 1' 2' 3' 5' 7' 10'



ROOF MECHANICAL PLAN

½"=1'-0"

0 6" 1' 2' 3' 5' 7' 10'



PLUMBING DIAGRAM

NOT TO SCALE

EQUIPMENT SCHEDULE

UNIT	MODEL	WIDTH	HEIGHT	DEPTH	RLA	MIN FUSE/BRKR	CFM
AIR HANDLER	40QNC024	42.5"	11.6"	7.9"	0.5	15	645
CONDENSER	38HDF024	36 15/16"	31⅛"	14 9/16"	13.6	25	
LEAD-LAG CONTROL	ICM 600	24VAC W/ PLUG IN XFMR					

CLAY & TAYLOR

CNU5713
1098 JACKSON ST
SAN FRANCISCO, CA 94133

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	02/03/14	ZD 90%	C.C.
	04/11/14	CLIENT REV	C.C.
	04/14/14	ZD 100%	C.C.
	06/20/14	CLIENT REV	C.C.
	08/18/14	CD 90%	C.C.
	09/03/14	CLIENT REV	C.C.

DRAWN BY:	C. CODY
CHECKED BY:	J. GRAY
APPROVED BY:	–
DATE:	09/03/14

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SHEET TITLE:

MECHANICAL PLAN

SHEET NUMBER:

M-1